

PUBLIC CHILLED DRINKING WATER

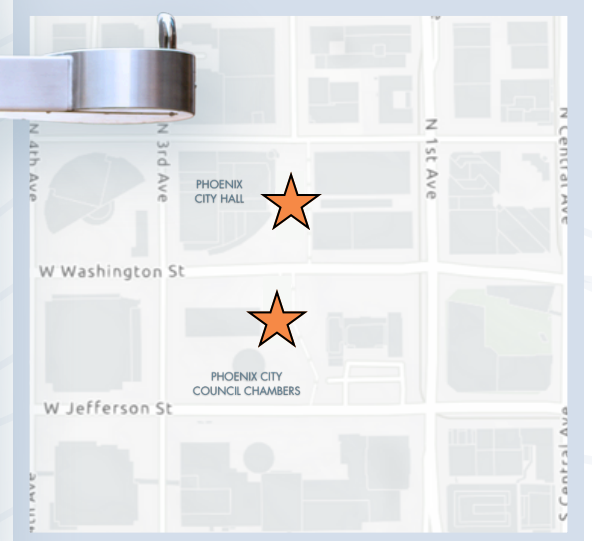
SUSTAINABILITY AND PERFORMANCE REPORT

PROJECT BACKGROUND

In early 2023, the City's Office of Innovation partnered with Downtown Phoenix Inc., as well as the Water Services and Public Works Departments, to design and deploy a pilot initiative focused on access to public drinking water in priority locations, starting in the downtown area with the goal to expand throughout the City.

- There are TWO chilled fountains in operation, one in Marvin A. Andrews Plaza and the other in Cesar Chavez Plaza.
- Funding has been secured for SIX additional fountains, FOUR of which have been procured.

CURRENT NETWORK



MISSION STATEMENT

Our mission is to create a sustainable network of chilled drinking water stations in multimodal, high-density areas of the City, adapting innovative technologies to respond to rising urban temperatures.

AS OF JULY 8, 2024

WATER OUTPUTS

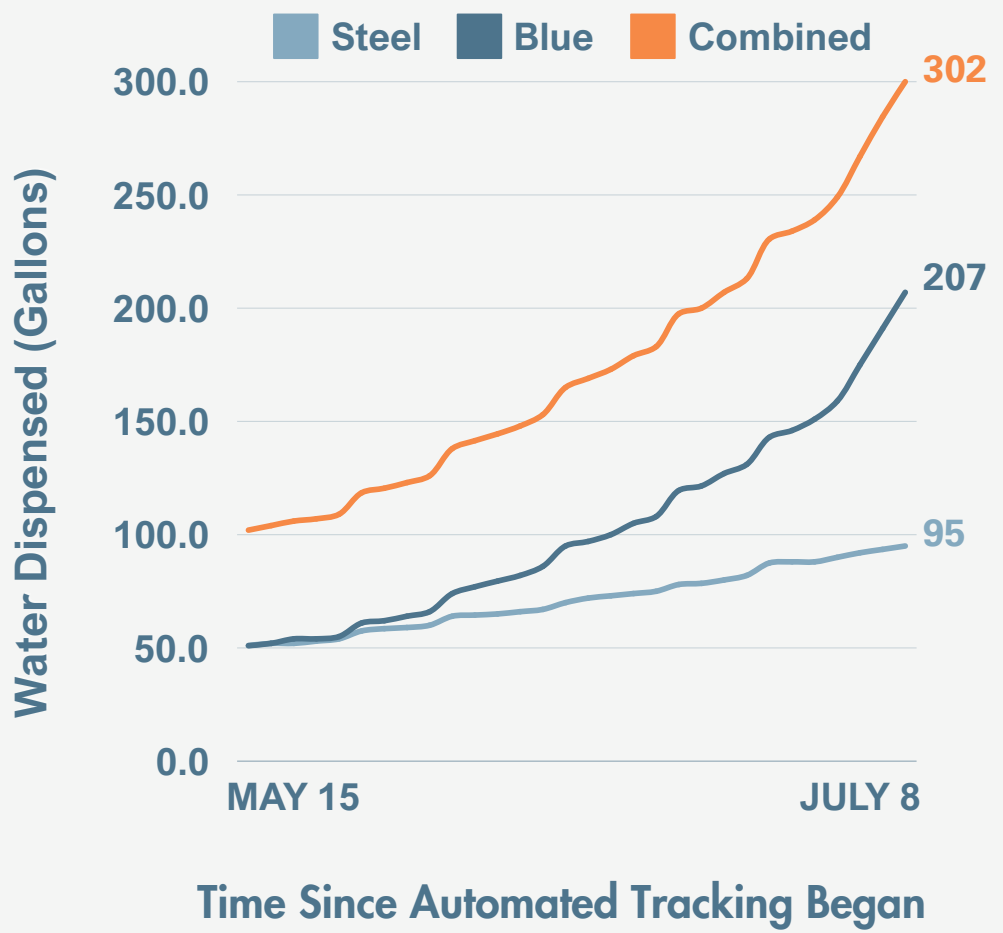
Automated tracking of water outputs from both fountains began on May 15, 2024. Outputs were recorded daily, providing relevant data on usage trends and allowing for further estimation of the fountains' overall impact.

TOTAL WATER DISPENSED SINCE FOUNTAIN INSTALLATION*

968
GALLONS

*An estimation of the total water dispensed across both fountains since installation was calculated using the automated output data (right). The stainless steel fountain opened for use on December 13, 2023, while the blue fountain opened for use on January 17, 2024. To maintain consistency, the latter date was used in estimation for both fountains.

TRACKED WATER OUTPUT



SUSTAINABILITY METRICS

Usage data provides key insights into the impact of the Public Chilled Drinking Water Network on environmental sustainability, particularly when it comes to single use plastic water bottles. The metrics in this report refer to standard 16.9 Oz plastic bottles and are estimated based on the total amount of water dispensed across both fountains since installation.*

DAILY AVERAGE

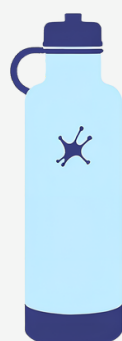
42

PLASTIC BOTTLES SAVED PER DAY

STANDARD BOTTLE SIZES



16.9 OZ



32 OZ

7,328

PLASTIC BOTTLES SAVED SINCE FOUNTAIN INSTALLATION*

968

GALLONS DISPENSED SINCE INSTALLATION*

=

3,870

STANDARD 32 OZ REUSABLE BOTTLE REFILLS