



WELL v2

Concept summary

WATER



WATER IS ESSENTIAL FOR HUMAN LIFE

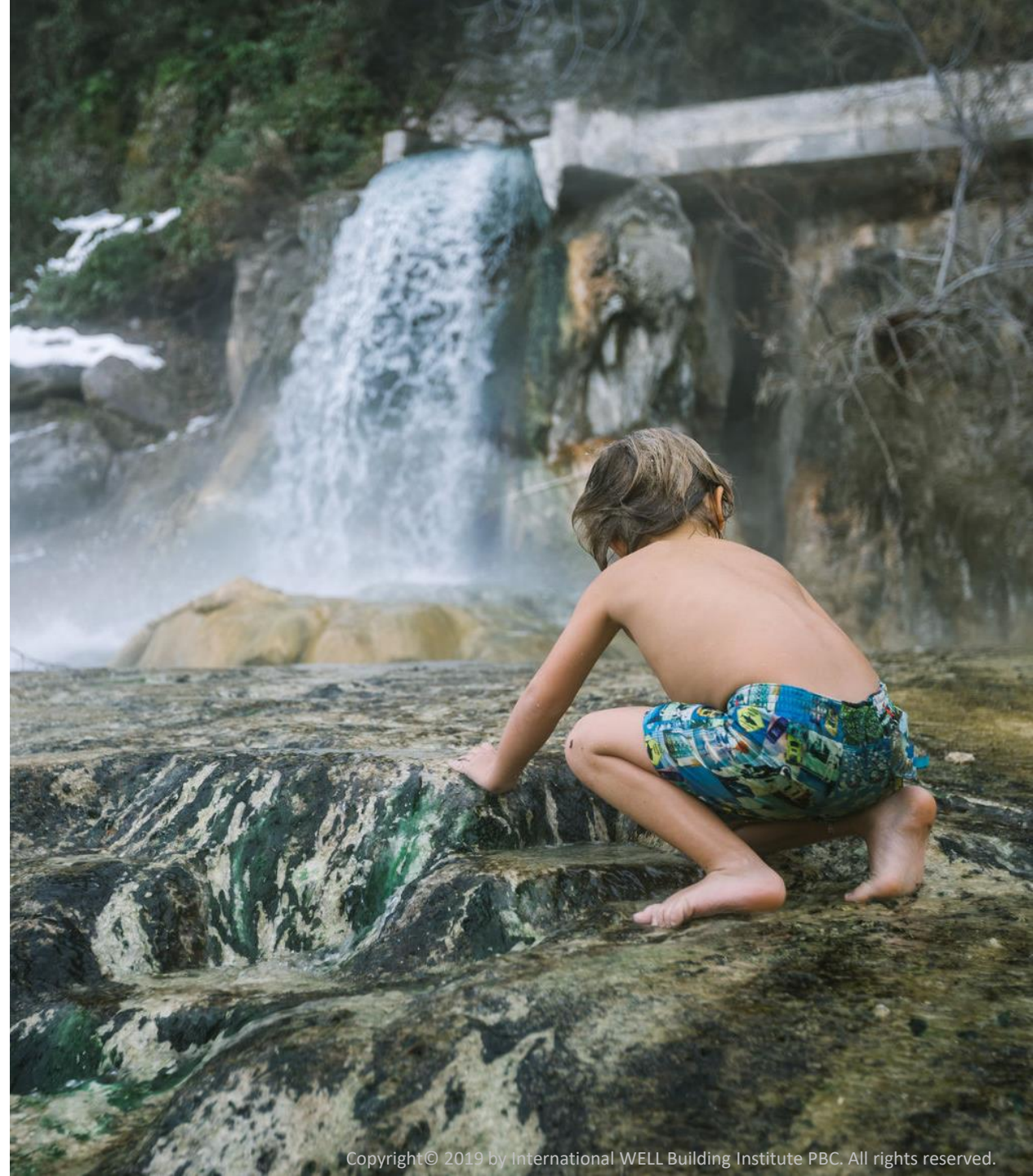



WATER

THE ISSUE

People who mistrust the safety of their water can be more likely to have lower intake of water and higher intake of sugar-sweetened beverages.¹

1. Onufrak SJ, Park S, Sharkey JR. The Relationship of Perceptions of Tap Water Safety with Intake of Sugar Sweetened Beverages and Plain Water among U.S. Adults. *Public Heal Nutr.* 2015;17(1):179-185. doi:10.1017/S1368980012004600.





**663 million people
still do not have
access to improved
water sources.¹**

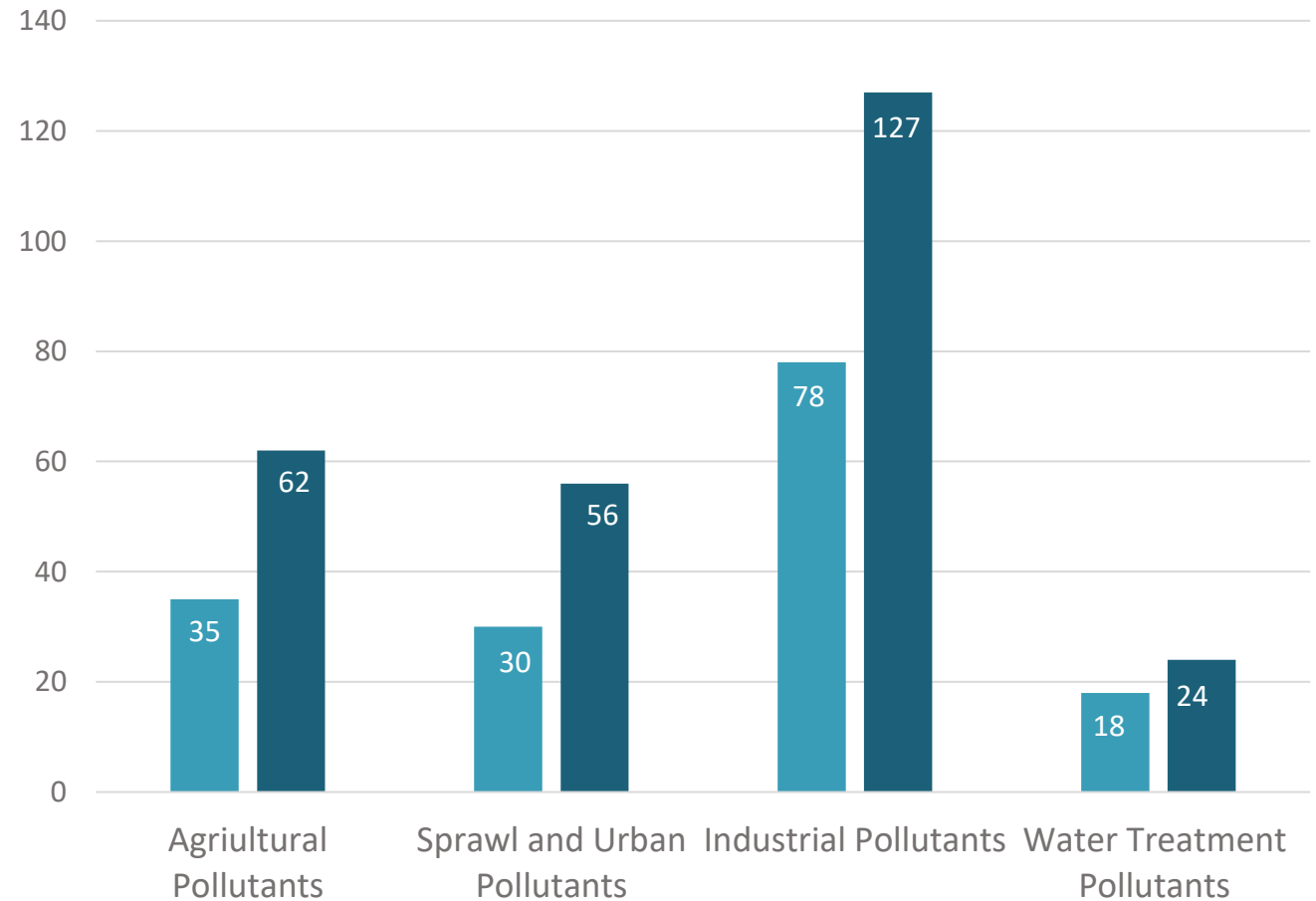
**Manufacturing and
agriculture have
introduced new
contaminants to water
systems.¹**

WHERE DO WATER CONTAMINANTS COME FROM?

UNREGULATED CONTAMINANTS

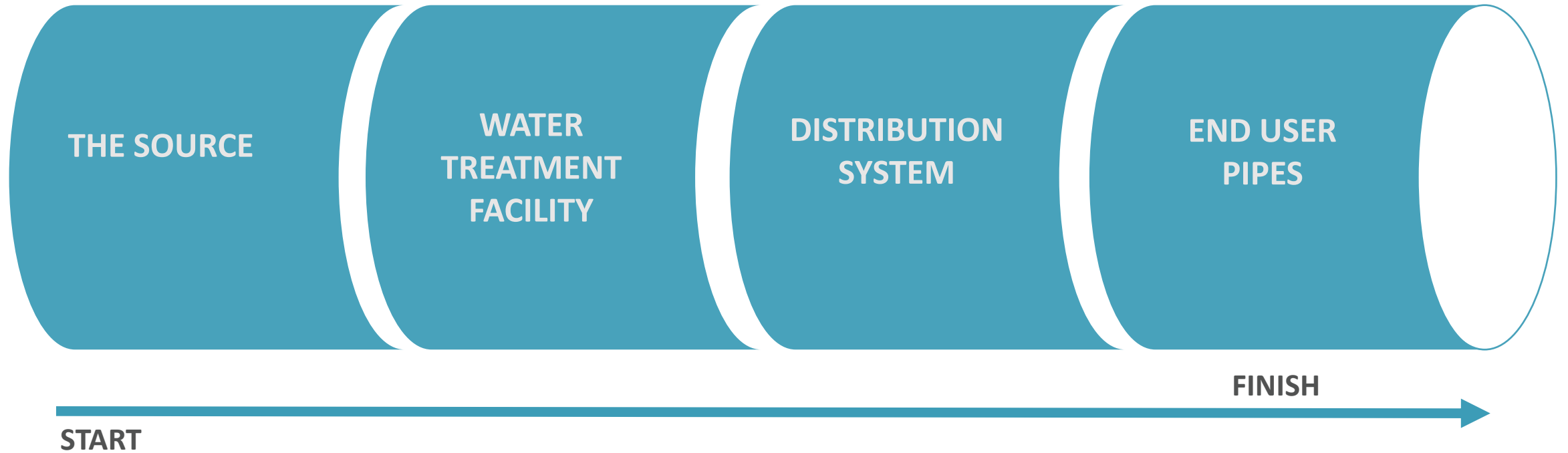
REGULATED CONTAMINANTS

TOTAL CHEMICALS DETECTED



Environmental Working Group. National Drinking Water Database: Drinking water pollution has many sources. 2009; <http://www.ewg.org/tap-water/sourcesofwaterpollution.php>. Accessed December 1, 2016

CONSIDER HOW WATER TRAVELS





WATER

THE IMPACT

Due to widely varying water quality across the globe, it is important to identify which (if any) contaminants are of concern on the local scale.¹

1. World Health Organization. WHO Guidelines for Drinking-Water Quality. 4th ed. Geneva: WHO Press; 2011. doi:10.1016/S1462-0758(00)00006-6



WATER

Access to high quality drinking water and water management.

- W01 Water Quality Indicators*
- W02 Drinking Water Quality*
- W03 Basic Water Management*
- W04 Enhanced Water Quality
- W05 Drinking Water Quality Mgmt
- W06 Drinking Water Quality Promotion
- W07 Moisture Management
- W08 Hygiene Support
- W09 β Onsite Non-Portable Water Reuse



W01 WATER QUALITY
INDICATORS

W02 DRINKING WATER
QUALITY

W04 ENHANCED WATER
QUALITY

W05 DRINKING
WATER MANAGEMENT



WELL IN PRACTICE

WATER TESTING & FILTRATION

CUNDALL OFFICE – LONDON, UK



W03 BASIC WATER MANAGEMENT

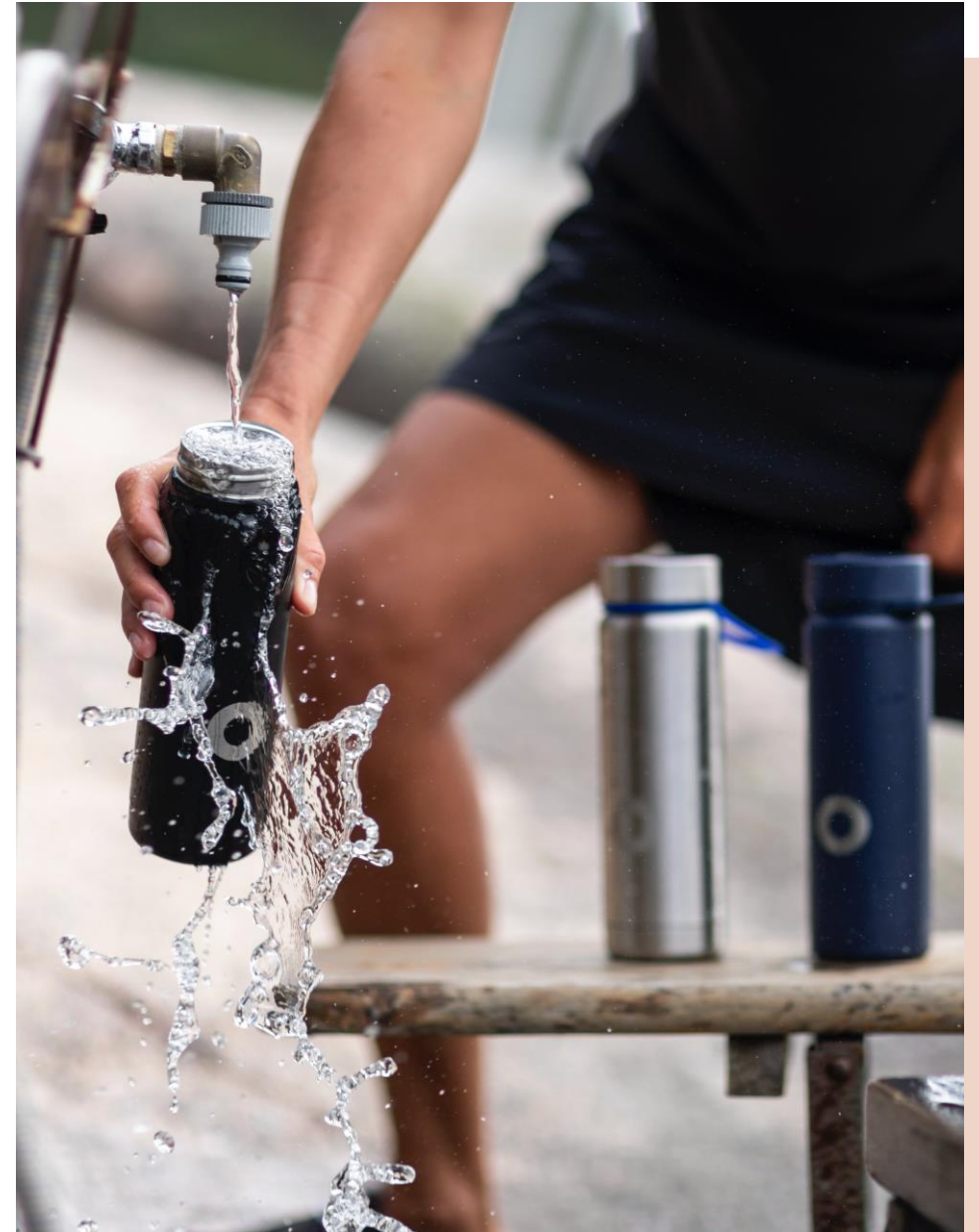
Implement protocols to reduce risk of water quality loss and Legionella colonization

1. Monitor Chemical and Biological Water Quality
2. Implement Legionella Management Plan

W06 DRINKING WATER PROMOTION

Promote proper hydration by promoting access to drinking water of verified quality.

- Add drinking fountains⁷
- Host information sessions⁷
- Keep water dispensers in a state of good repair
- Use drinking water fixtures to allow fresh water to run through pipes



W07 MOISTURE MANAGEMENT

Limit the potential for bacteria and mold growth within buildings from water infiltration, condensation and internal leaks.

- Effective design of the building's curtain wall
- Water piping assemblies (shut-off valves)
- Periodic inspections to root out sources of moisture accumulation
- Selection of appropriate materials where condensation may occur

W08 HYGIENE SUPPORT

Ensure availability of bathrooms and support hygienic hand washing and toilet use practices for all individuals.

- Designing and furnishing bathrooms to ease hygiene for all
- Visual cues that promote hand hygiene
- Reduce touch points during and after hand washing





WE ARE WELL

wellcertified.com

'Bottled water is America's favorite drink!' Bottled water takes top spot in US

By Rachel Arthur [↗](#)

01-Jun-2018 - Last updated on 01-Jun-2018 at 09:52 GMT



Bottled water: health concerns prompt healthy growth - but convincing consumers of its sustainability credentials will be a key challenge. Pic:getty/diegocervo

<https://www.beveragedaily.com/Article/2018/06/01/Bottled-water-takes-top-spot-in-US-in-2017>

Use of packaged water in urban areas has increased rapidly in some countries

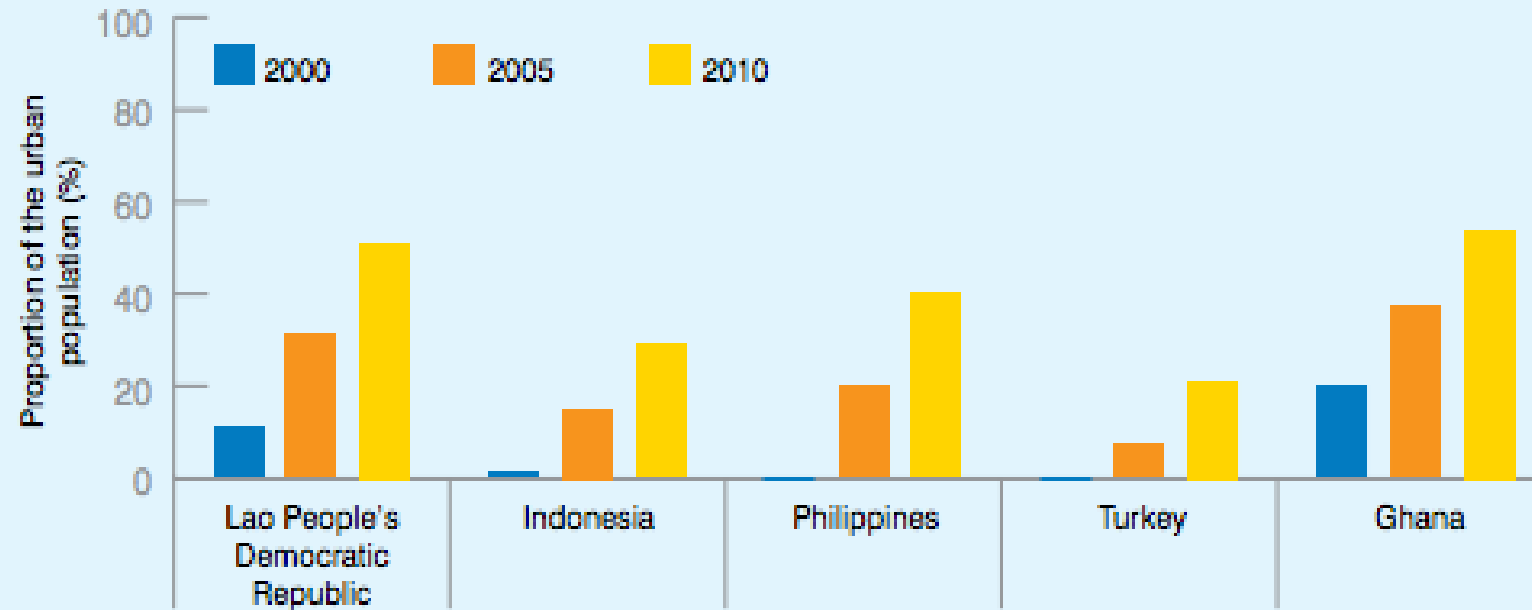


FIGURE 24 Trends in bottled and sachet water use in five countries

Safely managed drinking water - thematic report on drinking water 2017. Geneva, Switzerland: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.



Beach in Ghana - By Muntaka Chasant - Own work, CC BY-SA 4.0, <https://commons.wikimedia.org/w/index.php?curid=75041713>

The mission...

To encourage drinking water from the tap through
improving transparency about its quality

Everyone should drink water from the tap with some awareness of its quality!

If needed, water can be treated onsite



<https://connor-plumbing.com/wp-content/uploads/2018/08/226.jpg>

(psssst: bottled water companies do pretty much the same thing)



Parks Fountain Testing

As part of LeadFreeNYC, NYC Parks is testing all drinking fountains for lead.

[Learn about Parks Fountain Testing](#)



<https://lutededuparisien.fr/2016/04/les-fontaines-parisiennes/>

Nutrition Facts

8 servings per container

Serving size 2/3 cup (55g)

Amount per serving

Calories 230

% Daily Value*

Total Fat 8g 10%

Saturated Fat 1g 5%

Trans Fat 0g

Cholesterol 0mg 0%

Sodium 160mg 7%

Total Carbohydrate 37g 13%

Dietary Fiber 4g 14%

Total Sugars 12g

Includes 10g Added Sugars 20%

Protein 3g

Vitamin D 2mcg 10%

Calcium 260mg 20%

Iron 8mg 45%

Potassium 235mg 6%

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

Can we do the same for...
drinking water?

Interested into saving the world and/or yourself?

- 1) Drink Tap Water
- 2) Learn about it!
- 3) Make others learn about it!
- 4) Drink Tap Water!!

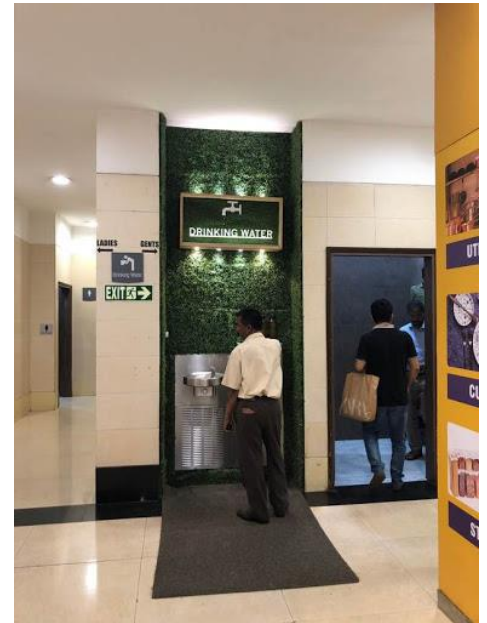


Photo Credits: GU



“Together with IWBI, Menarco continues to be a leader in the healthy building initiative in Southeast Asia. We know that with our WELL Health-Safety Rating, we are locally executing international best practices, and it makes me happy to share that during this crucial season, Menarco Tower helps keep people safe and well.”

CARMEN JIMENEZ-ONG

Founder & CEO

Menarco Development Corporation



IMAGE: Arya by Arthaland, Philippines— registered for WELL Certification, 2021

Project Name:
The Forestias

Owner Name:
Magnolia Quality
Development
Corporation
(MQDC)

Location:
Bangkok, Thailand

Size:
80 acres

Typology:
WELL Portfolio
WELL Community



- *The Forestias comprises residential apartments, retail buildings, office buildings, a health centre, an innovation centre, a learning centre, a forest pavilion, community space and an extensive natural ecosystem.*

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1. Onufrak SJ, Park S, Sharkey JR. The Relationship of Perceptions of Tap Water Safety with Intake of Sugar Sweetened Beverages and Plain Water among U.S. Adults. *Public Heal Nutr.* 2015;17(1):179-185. doi:10.1017/S1368980012004600.
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