



# Your drinking water supply in 2024.

The water supplied to your home is treated to meet the same rigorous standards as any other food product.\* It is continuously monitored and analysed by the SIG laboratory to ensure its microbiological and chemical properties comply with all legal requirements. The results are regularly forwarded to the Cantonal Food Standards Agency (Cantonal Chemist).

1 Lake water	average min.	average max.	
Calcium	43.9	44.4	mg/L
Magnesium	5.9	5.9	mg/L
Potassium	1.7	1.7	mg/L
Sodium	9.4	10.2	mg/L
Water hardness**	13.4	13.5	°f

## 2 Lake water and Allondon aquifer

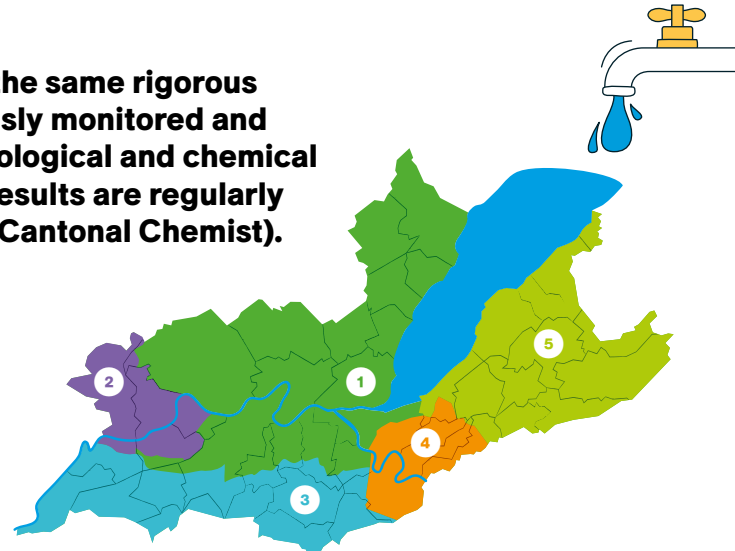
Calcium	43.9	78.3	mg/L
Magnesium	5.9	7.2	mg/L
Potassium	1.2	1.7	mg/L
Sodium	4.2	9.4	mg/L
Water hardness**	13.4	22.5	°f

## 3 Lake water and Geneva aquifer

Calcium	56.2	57.9	mg/L
Magnesium	10.2	10.3	mg/L
Potassium	1.4	2.1	mg/L
Sodium	7.9	9.4	mg/L
Water hardness**	18.3	18.7	°f

## 4 Geneva aquifer

Calcium	63.4	66.1	mg/L
Magnesium	9.1	11.3	mg/L
Potassium	1.6	1.7	mg/L
Sodium	6.6	7.1	mg/L
Water hardness**	19.6	21.2	°f



### Water hardness scale (in °f)\*\*

Very soft water	0 - 7
Soft water	8 - 15
Moderately soft water	16 - 25
Moderately hard water	26 - 32
Hard water	33 - 42
Very hard water	More than 42

Scan the QR Code for more information about water composition.



**56 million cubic metres** of water used in the canton of Geneva



**96,542 tests** carried out by the SIG laboratory



**5,553 samples** collected

**1.4%** of samples not complying with quality standards (80 out of 5,553 samples, with no severe issues detected and swift return to normal)

## 5 Lake water and Geneva aquifer temporary supply zone

Calcium	43.9	66.1	mg/L
Magnesium	5.9	11.3	mg/L
Potassium	1.6	1.7	mg/L
Sodium	6.6	9.4	mg/L
Water hardness**	13.4	21.2	°f



This new drinking water supply zone was created subsequent to a mains water pipe bursting at Quai Gustave-Ador in September 2024. The water supply in this zone comes from the Geneva aquifer, combined with water from the lake. This **new supply zone** is only temporary, as approximately 500 metres of pipes are due to be replaced by the end of the first half of 2025.

\*The duty to provide information is governed by the Swiss Federal Department of Home Affairs Ordinance on Drinking Water and Water in Public Baths and Shower Facilities (OPBD policy).

\*\*Water hardness (network average) in French degrees (°f), a measure of the amount of calcium carbonate (CaCO<sub>3</sub>) in the water supply.

# Eau de Genève tap water, the most rigorously monitored food product.

**Maintaining the water supply network and facilities throughout the year is essential to ensure continued compliance with Switzerland's Federal Food Safety Act.**



- **150 employees.**
- **A distribution network of 1,100 km of pipes.**
- **More than 5,500 samples and almost 100,000 analyses carried out each year by the SIG laboratory under the supervision of the Cantonal Chemist.**



## **Burst pipe, at Quai Gustave-Ador**

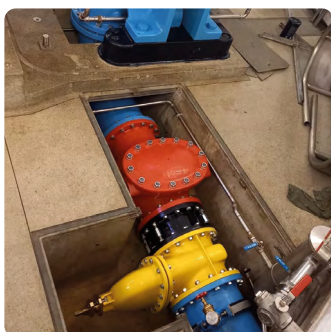
On the night of 28th-29th September 2024, a 70 cm-wide drinking water pipe burst on Quai Gustave-Ador, causing a risk of water contamination. The scale of the incident was unprecedented and significantly disrupted the daily lives of approximately 27,000 people in Geneva.

Around 80 SIG employees were mobilised, along with the Fire and Rescue Service (SIS - *Service d'Incendie et de Secours*) the Cantonal Police, the Cantonal Doctor and Chemist, and representatives of the affected municipalities. Emergency facilities were set up to ensure that everyone had access to bottled and safe water whilst ongoing analyses of the drinking water supply were performed.

In the early evening of Tuesday 1st October 2024, test results finally confirmed that the water supply was once again safe to drink.



## ● **Maintenance of the Jet d'Eau water fountain**



At the end of 2024, alongside annual maintenance work, the intake pipes, gates and valves were overhauled for the first time in 70 years. The original components were dismantled, sandblasted, painted, and reinstalled, and the Jet d'Eau water fountain was operational again after just 5 weeks.

## ● **Storage tank maintenance**



Prior to being piped to consumers' taps, drinking water is stored in 9 storage tanks across the canton, providing a crucial backup supply in the event of a power outages. Every 2 years, these tanks are cleaned, disinfected and serviced to maintain the drinking water's quality.

# Eau de Genève tap water, helping you live better every day!

- **Eau de Genève tap water is suitable for daily consumption by all members of the family.**



The lowdown

## Water's good for you!

"The mineral composition of Eau de Genève tap water makes it suitable for consumption by all individuals. Water is both refreshing and hydrating, and is the only beverage essential to the body's proper functioning. It is generally recommended that adults drink at least **1.5 litres of water per day**, in addition to the amount naturally provided through food.

In certain circumstances— such as during episodes of fever, periods of intense physical exertion, or in hot weather— this daily intake should be increased accordingly.

Adequate hydration constitutes a fundamental component of a balanced diet. It is therefore essential to promote regular water consumption and to ensure that access to drinking water is facilitated, particularly in public spaces."

**Tania Lehmann**

Director and dietician at Fourchette Verte Geneva

## ➔ Limescale is calcium!

Before reaching your home, your tap water absorbs various trace elements and mineral salts, including calcium. It contributes to the daily intake of calcium and magnesium, which are essential for growth and bone health.

- **Eau de Genève tap water keeps athletes hydrated and supplies the main sporting events!**



⬆ Geneva Volleyball



⬆ Para sport



⬆ Geneva Lions



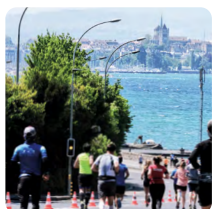
⬆ Women's UHC Geneva



⬆ Women's GSHC



⬆ Artistic swimming Plan-les-Ouates



⬆ Geneva Marathon



⬆ Escalade Race



⬆ Geneva LPLO



⬆ Tremplin Jeunes SIG



⬆ Tremplin Handisport SIG

- **100% local, ecological and cost-effective.**



## Road Transport and Packaging

Since 2009, thanks to Eau de Genève:

- **Over 150 million** plastic bottles saved - an average of 10 million per year.
- **Over 15,000 tons of CO<sub>2</sub>** saved by drinking tap water instead of bottled Swiss or European mineral water. That's equivalent to over 7,500 return flights between Geneva and New-York for one person.

### What about the cost?



**1 litre of tap water costs 0.23 cents (incl. VAT).**

- Tap water is up to 500 times cheaper than bottled water\*.
- On average, a family of 4 can save between CHF 440.- and CHF 2,000.- per year by opting for tap water\*.

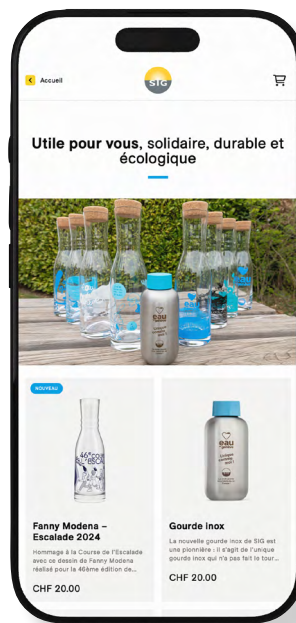
\*Source : Fédération Romande des Consommateurs





# Order your Eau de Genève carafes and bottles on our new online boutique!

- A modern, user-friendly interface.
- Payments may now be made by credit card or via Twint.



## At the heart of your commitment!

**SIG donates 100% of the profits from water bottles sales to the Association for the Safeguard of Lake Geneva (ASL).**



**Ethical:** manufactured less than 500 miles from Geneva, this is the only stainless steel water bottle that hasn't been transported across the globe before landing in your hands.



**Practical:** with a capacity of 0.5 litres and a single-wall design, it is currently the only water bottle on the market made from European stainless steel.



**Durable:** this highly resistant bottle has been engineered for longevity. Constructed from high quality 18/10 stainless steel, it ensures optimal food safety and is resistant to corrosion.



**Eco-friendly:** 100% recyclable, including its cardboard packaging and its BPA-free polypropylene cap.

**CHF 20**

**CHF 5**

Improve access to drinking water worldwide

**CHF 20**



**CHF 2**

donated to preserve Lake Geneva

**SIG donates 100% of the profits from carafes sales to a humanitarian project.**



**Local and unique:** designed and screen-printed in Geneva with artwork by Genevan illustrator ZEP, artist Ben, and students from the HEAD and ESBDI art colleges.



**Eco-friendly:** European-made recyclable glass and packaged in recycled cardboard.



**Practical:** holds 1 litre of water, fridge-door sized, cork stopper included.

**Where can you find them?**

- Online at: [bit.ly/sig-carafes](https://bit.ly/sig-carafes)
- At Quartier Libre SIG (Pont de la Machine) or at SIG Lignon
- At any SIG event

