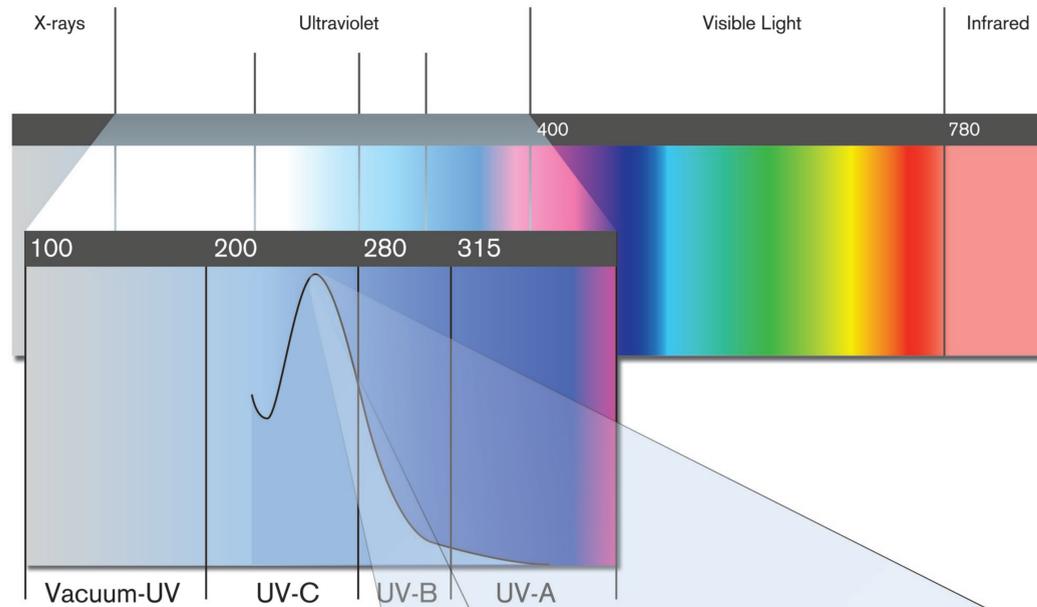


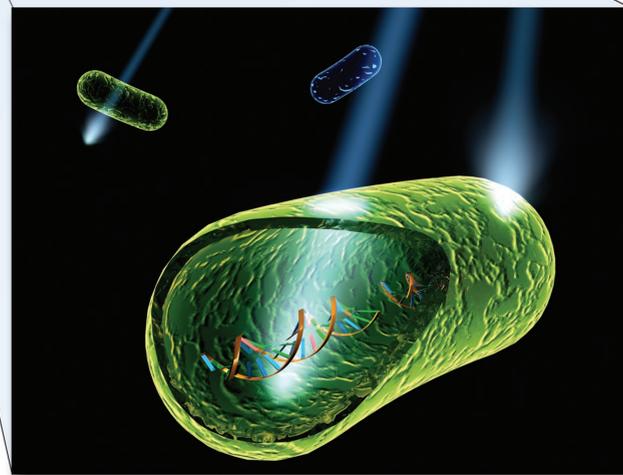
## WHAT IS ULTRAVIOLET (UV) LIGHT?

Ultraviolet (UV) light is a form of light that is invisible to the human eye. Specific wavelengths, between 200 and 300 nanometres (or billionths of a metre), are categorized as germicidal – meaning they eliminate bacteria and viruses. UV light is an environmentally-friendly, chemical-free, highly-effective way to safeguard water against harmful microorganisms.

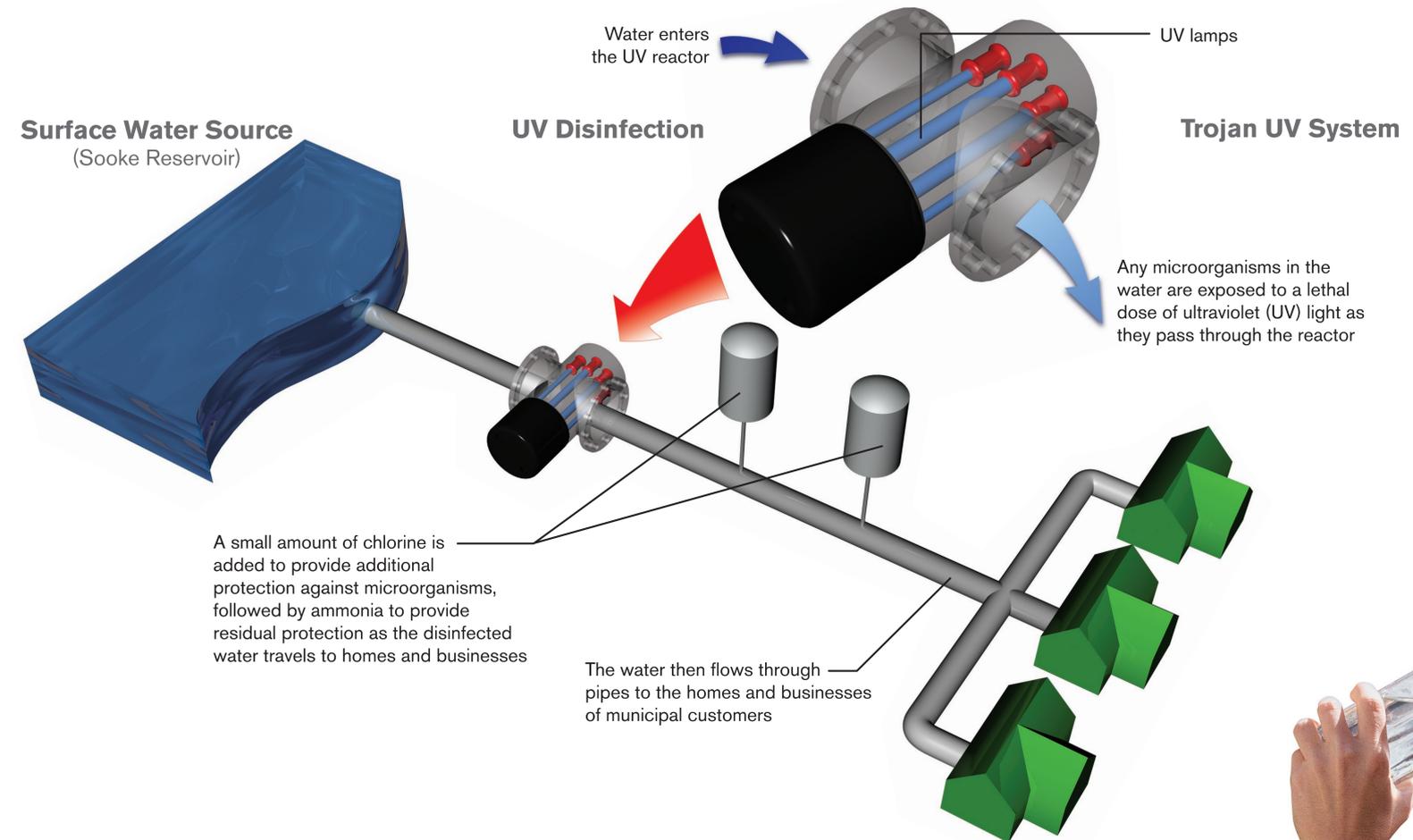


## HOW UV LIGHT WORKS

Microorganisms in the water are exposed to ultraviolet light when they pass by special lamps inside the Trojan UV reactor. The UV energy instantly destroys the genetic material (DNA) within bacteria and viruses, eliminating their ability to reproduce. Unable to multiply, the microorganisms die and no longer pose a health risk.



## HOW YOUR DRINKING WATER IS TREATED



### WATER FACTS

- The water we use today is the same water the dinosaurs used.
- Only 1% of the world's water is fresh water, and only 1% of the world's fresh water is drinkable.
- 10% of the world's fresh water is in Canada.
- Per capita, Canadians use 4 times more water than Europeans.
- The average home uses 107,000 gallons of water per year.

### TROJAN FACTS

- Trojan has over 3,800 municipal UV systems worldwide – the largest installed base on the planet.
- Every day, more than 17 billion gallons of water are treated by Trojan's environmentally-friendly UV systems.
- Trojan is a publicly traded Canadian company and a true pioneer in the use of UV for water treatment.
- The Japan Gulch facility uses Trojan UV systems to treat approximately 130 million gallons of drinking water a day – making it one of the largest systems employing ultraviolet light in the world.

