



**Delivering packaged safe water
with as much as 80% less plastic**

June 2020

The plastic problem



Too much plastic is being used
to deliver safe drinking water
in emergency situations

Box of Rain Water uses a plastic 'bladder' inside the *Safe Water Boxes*



...but how much plastic is used?

We conducted a side-by-side test with other emergency water solutions

Date & Location	Objective	Methodology
May 10, 2020 325 Spring Lake Drive Itasca Illinois	Compare the weight of similar packaged water products* to evaluate the amount of plastic used to deliver the same amount of water.	<ol style="list-style-type: none">1. Sourced 20 ½-Liter BRAND A water bottles and 10 1-Liter BRAND B water bottles and from Fresh Thyme Market2. Sourced 1 Box of <i>Rain Safe Water Box</i> from W.S. Darley & Company3. Used a weight measurement scale from <i>Fairbanks Scales</i> (www.fairbanks.com)4. Weighed the three comparable packaged drinking water products while full5. Emptied the water out all three packaged water options into the trees outside the building6. Weighed the three plastic packaging options while empty

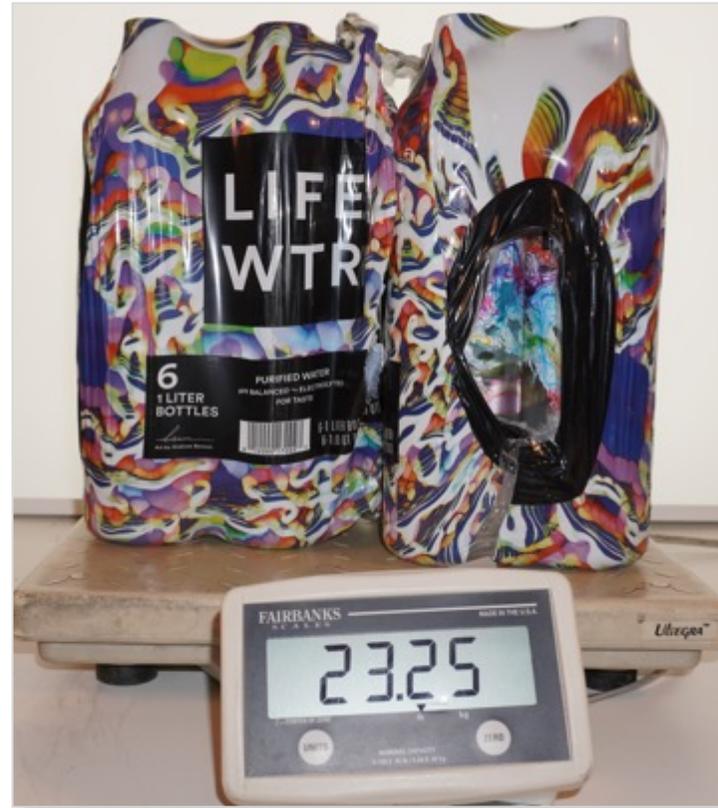
**Note: There is not global 'standard' for amount of plastic used in plastic water bottles. Some premium brands are thicker and use more, and economy brands use significantly less.*

Filled with the exactly the same amount of water*



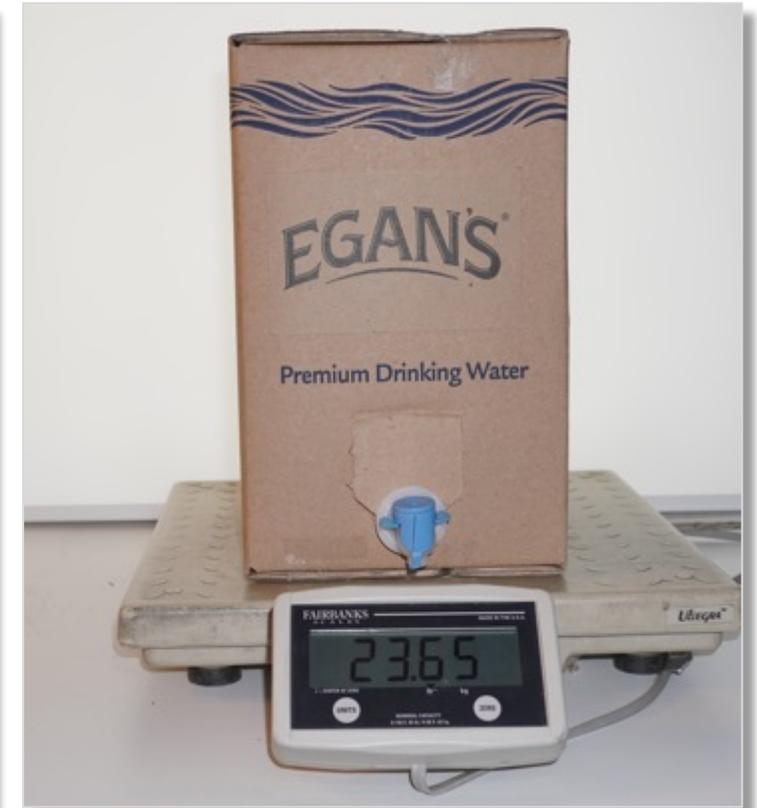
Brand A

10 Liters (2.64 Gallons) of water
weighs 23.70 lbs



Brand B

10 Liters (2.64 Gallons) of water
weighs 23.25 lbs



Box of Rain Water's Safe Water Box

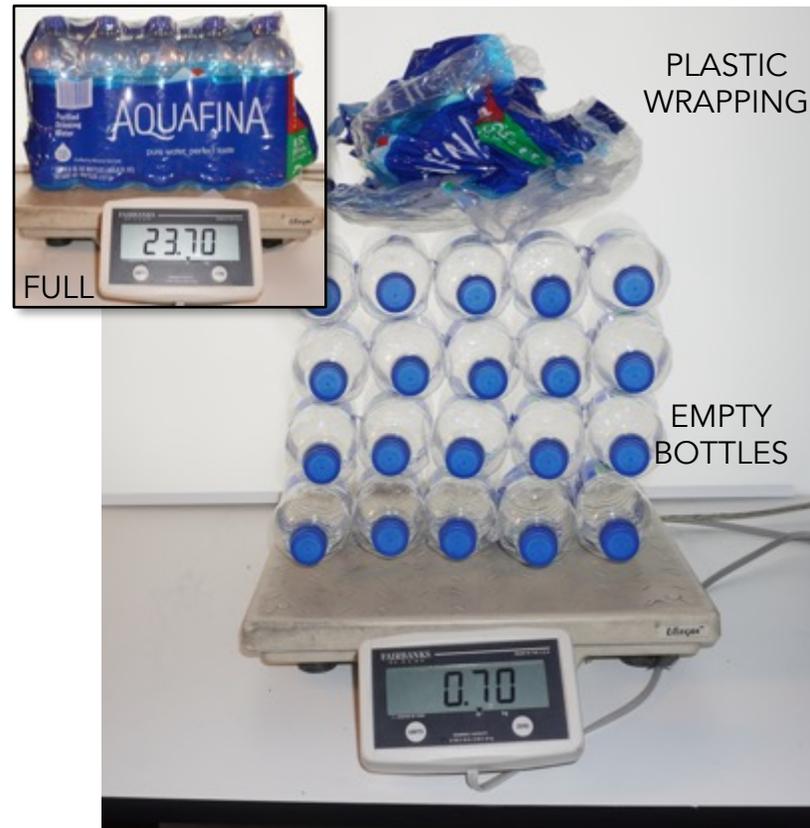
10 Liters (2.64 Gallons) of water
weighs 23.65 lbs



* Due to different use of plastic, the same amount of water has slightly different weights. Note that Box of Rain is using a paper-based box, with a plastic 'bladder' inside.

An actual
Egan's Irish Whiskey sponsored box
(Final Product)

After emptying the water, we then weighed just the plastic*



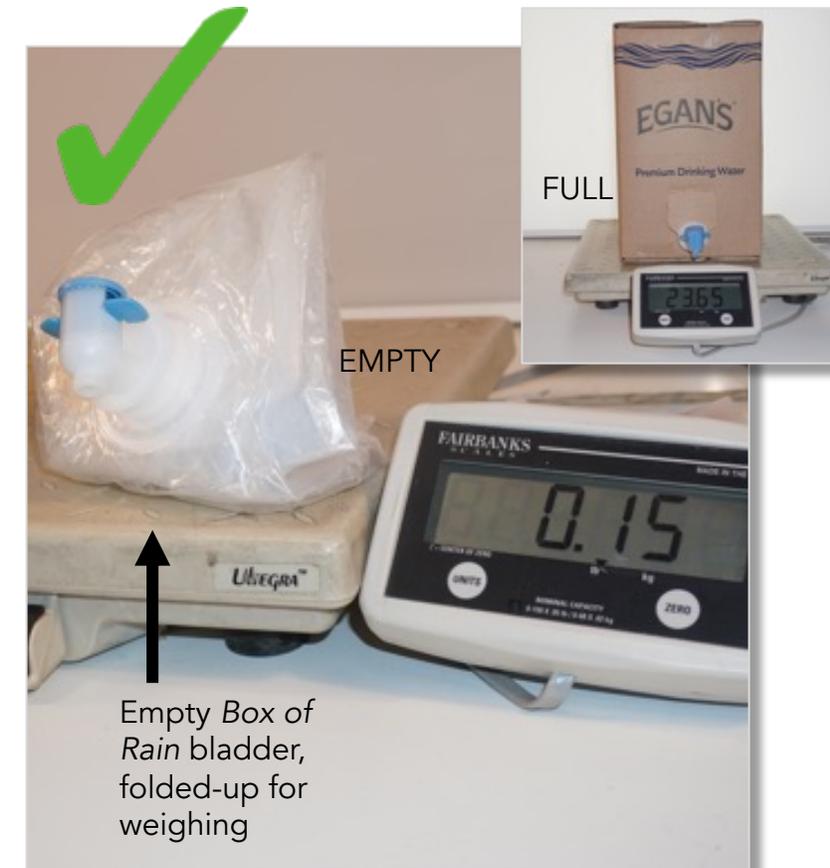
Brand A

20 empty plastic water bottles
plus plastic wrapping
weighs 0.70 lbs



Brand B

10 empty plastic water bottles,
plus plastic wrapping
weighs 1lb



Box of Rain Water's Safe Water Box

1 empty plastic bladder
weighs 0.15 lbs

Results of the side by side weighing

- Twenty **Brand A** water bottles deliver 10 Liters (2.64 Gallons) of water using .70 Lbs of plastic
- Ten **Brand B** water bottles deliver 10 Liters (2.64 Gallons) of water using 1.00 Lb of plastic
- One **Box of Rain Water's Safe Water Box** delivers 10 Liters (2.64 Gallons) of water using .15 lbs of plastic.



Them



vs

Box of Rain

Weights of individual *Safe Water Box* inputs

2.64 gallons of treated water
& plastic bladder
weighs 22.75 lbs



FINAL
PRODUCT



← Why is Egan's Irish Whiskey's logo on here? See our website for more details on how Box of Rain helps brands meet social impact objectives.

Box of Rain Water's *Safe Water Box*
10 Liters (2.64 Gallons) of water,
bladder, cardboard box, and glue*
weighs 23.65 lbs

While less plastic is a key benefit, there's more...



The pour spout on Box of Rain Water's *Safe Water Box* enables significant value-added features for the end users:

- No cross-air contamination when pouring. The first pour of water tastes the same as the last
- Water can be consumed "by the glass" in paper cups or reusable water bottles
- Water can be easily used for daily needs besides just drinking, such as cooking and hygiene
- Electrolyte power packages can be shipped with the pallets and added to the water on sight, enabling those to have access to electrolytes and eliminating need to ship additional pallets of prepackaged electrolyte beverages

The cardboard box enables significant value-added features:

- Opportunity for a company or organization to communicate their core message
- The box is made of 100% recycled corrugated and is recyclable after usage
- The cardboard box protects the bag from UV or dust which prevents deterioration of the bag, and extends shelf life on the water
- The cardboard box acts as insulator and keeps the water inside the bag colder than room temperature



We offer businesses a simple yet innovative way to meet your environmental and social impact objectives

For the exact same amount of water delivered (10 liters / 2.64 Gallons), the Box of Rain Water's *Safe Water Box* solution uses around 80% less plastic compared to other solutions. If one is looking to keep plastic out of the environment, Box of Rain Water's *Safe Water Box* is the ideal solution.

info@boxofrainwater.co
www.boxofrainwater.co