



April 2018

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Drinking Water and the Health Benefits

Life as we know it would be very different without water. The average adult body contains 60% water. H₂O is the chemical form of water. Two hydrogen atoms bonded to one oxygen atom.

Water:

- Helps regulate body temperature.
- Prevents dehydration.
- Supports digestion
- Aids in elimination of waste.
- Supports Immune health.

<https://www.everydayhealth.com/water-health/water-body-health.aspx>

On The Water

New Water Funding Announced by EPA

April 5, 2018.

The U.S. Environmental Protection Agency (EPA) is announcing the potential increase in funding as much as \$5.5 billion. The Water Infrastructure Finance and Innovation Act (WIFIA) program could influence over \$11 billion in water infrastructure projects. For communities pursuing this credit opportunity, letters of interest (LOI) should be sent to WIFIA by July 6, 2018.

Water&WastesDigest
<https://www.wwdmag.com/node/43964>

1" of water covering one acre (27,154 gallons) & weighs 113 tons

<https://www.treehugger.com/clean-water/36-eye-opening-facts-about-water.html>

Upcoming Events:

Visit us at
Booth # 255



TEXAS WATER 2018™

April 23-26, 2018 | San Antonio Convention Center

 American Water Works Association

Drinking Water Week | May 6-12, 2018





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News Around the Tank...

Here are some interesting facts about a recent project for Cape Girardeau, MO.

Pictured here, this stainless steel and bolted reservoir tank will store potable water for their community. Every project starts as a simple sketch and expands into an impressive, and engineered structure.

Sporting a handsome dome roof, grand circular stairway and tipping the scales at over 1 million gallons in capacity. Have you ever wondered how a structure of this size can remain fastened together? The vast quantity of materials and labor hours is certainly remarkable to comprehend.

Stainless steel, galvanized and aluminum raw sheets of metal are fabricated into angled shapes that give structure and purpose to each piece. This metal combined with other components are all essential in a successful fabrication and assembly.

Could you venture a guess, how many bolts, washers, nuts and screws join all the seams? Hundreds or thousands, perhaps?

The numbers are astounding, with totals over 78,800+ pieces. Not to mention all of the wall and roof sections, framework components and piping, anchors, all placed in vertical, diagonal and horizontal directions.

To top it off how about a few hundred saddles, sleeves, platforms, handrails, vents, and brackets. Then the onsite work begins with over 800 hours of assembly. When all said and done the empty structure weighs well over 150,000#.

