

2021 Holiday News



## Board of Director's News & Updates

Thank you for being a valued member of the North Fort Bend Water Authority's (NFBWA) community! This quarterly newsletter highlights information from the Board of Directors. We encourage you to forward this email to your Board of Directors.

[Visit our Website](#)



**We hope this email finds you safe, healthy, and ready for the New Year!**  
**In this newsletter we focus on YOU, our constituents that make it all work for the community.**  
**We've seen your dedication to water conservation, and it's worked. So cheers to you and making it OUR success.**  
**Happy Holidays from the NFBWA.**

### **Conservation: It Really Works!**

Quantifying conservation is one of the biggest challenges in the water conservation industry because many variables affect water usage trends. Quantifying changes in water usage trends resulting from conservation initiatives requires removing other water usage influencers from the equation such as weather patterns, water rates, and population changes.



Part of NFBWA's mission is to promote water conservation by providing conservation tools, public outreach, and educational resources. The Larry's Water Conservation Toolbox Program began in 2016 and the NFBWA continues looking for ways to make the program more impactful.

After five years of Larry's Toolbox program management and conservation outreach, the question was asked: Is it working?

To answer this question, a statistical model was generated to help quantify the effectiveness of the NFBWA's conservation programs. Model development involved evaluating actual water usage in terms of unit demands (usage per connection) prior to implementation of conservation initiatives.

Water usage projected by the model in years following implementation of conservation initiatives was compared to actual water usage experienced during the same time. The difference between the two indicates the water savings that have been attributed to the NFBWA's conservation initiatives.

The fully developed model indicates a water savings of 296 gal/day/connection during a peak water usage period. While that may not seem like much, it totals 30 million gallons of water per day during the summer. That's the equivalent of saving 1,600 household swimming pools of water each day! The model does not definitively attribute water conservation to a specific initiative such as Larry's Toolbox, but it has effectively quantified that all of the NFBWA conservation initiatives collectively have reduced water usage in our region.



## New Water Provider Conservation Program

The NFBWA has revamped the "Larry's Water Conservation Toolbox Program" for 2022 and beyond. It will now be known as the "Water Provider Conservation Program." The goals of the new Program are to:

- Increase Board of Director/City Council Member involvement;

- Increase water saving potential; and
- Increase community awareness.

Differences between the Larry's Toolbox and the new Program include:

- Program name;
- Program enrollment forms are due by March 1, 2022;
- Removed and/or added initiatives;
- Changed initiative durations; and
- Removal of the point system and creation of a new system for success.



Similarities between the Larry's Toolbox and the new Program include:

- The Program remains voluntary;
- Authority support is available to help Participants; and
- Upon successful completion, the Participant will receive the Incentivized Rate the following year in the amount of \$0.10 per 1,000 gallons of water.

**Find more information at [www.nfbwa.com/provider](http://www.nfbwa.com/provider) and keep an eye out for more details to follow!**

**The NFBWA was created to assist in converting the region within its boundaries from using groundwater to predominantly surface water in order to combat subsidence. The NFBWA acquires, develops and delivers a long-term supply of potable surface water to users in our fast-growing area. For more information, please visit the NFBWA website at [www.nfbwa.com](http://www.nfbwa.com).**

BGE | 10777 Westheimer, Suite 400, Suite 400, 10777 Westheimer, Suite 400, S,  
Houston, TX 77042

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