



# Newsletter

February 2020

## Hartstene Pointe Water-Sewer District

(360) 427-2413  
772 E Chesapeake Dr.  
Shelton, WA 98584  
Email: [info@hpwatersewer.com](mailto:info@hpwatersewer.com)  
Website: [hpwatersewer.com](http://hpwatersewer.com)

General Manager:  
*David Carnahan*  
[gm@hpwatersewer.com](mailto:gm@hpwatersewer.com)

Commissioners:  
*Andrew Hospador*  
[Commissioner1@hpwatersewer.com](mailto:Commissioner1@hpwatersewer.com)  
*David McNabb*  
[Commissioner2@hpwatersewer.com](mailto:Commissioner2@hpwatersewer.com)  
*Stacy Swart*  
[Commissioner3@hpwatersewer.com](mailto:Commissioner3@hpwatersewer.com)

### Pay Your Bill 24/7

Online: [hpwatersewer.com](http://hpwatersewer.com)  
By Phone: 360-427-2413

### Billing Office Hours

Mondays: 9:00 am—2:00 pm  
Tuesdays: 9:00 am—2:00 pm  
Thursdays: 9:00 am—2:00 pm

Board of Commissioners meetings are held on the 1st & 3rd Thursdays of the month at 1:00 pm in the District Office. All meetings are open to the public.

*Hartstene Pointe Water-Sewer District is not associated with or governed by the Hartstene Pointe Maintenance Association. Please direct water-sewer service related questions to the District.*

*Hartstene Pointe Water-Sewer District is an equal opportunity provider and employer.*

## Conservation: Learning From Our Friends In The Desert

Conservation has become somewhat of a buzzword within the water and wastewater industries in recent years. However, most Americans, when asked, would give different definitions of what conservation truly is and whether or not they feel it's important. After all, water is a free natural resource. It flows in our rivers and streams, pours out of underground springs and falls from the sky. Why shouldn't people be allowed to use as much water as they want?



### Conservation = Long-term savings



**Conservation = Long-term savings** In a recent publication of The American Waterworks Association's Journal entitled "**Tucson Examines the Rate Impacts of Increased Water Efficiency and Finds Customer Savings,**" Candice Rupperecht, Mary M. Allen and Peter Mayer examine the City of Tucson, Arizona and their approach to conservation.

The article explores how Tucson utilized "avoided-cost analysis, which shows financial savings accrued over time from demand management, is key to grasping the effects of conservation and water efficiency on customers' utility bills in a time of rising water rates." In other words, while water is indeed free, the infrastructure to both treat and deliver it as well as the infrastructure to collect it (i.e. sewer collection systems) is not. Since this infrastructure is incredibly costly, any and all reductions in wear and tear on equipment and usage creates significant long-term savings through *avoided-cost*.

Continued on back...

## High Efficiency Toilets vs. Regular Toilets

HIGH EFFICIENCY

1.08  
gpf\*

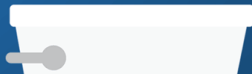
REGULAR

1.6  
gpf

BEFORE 1992

5-7  
gpf

\*gallons per flush



Constellation

## General Manager's Report

### The Value of Partnerships

With Conservation being the main theme of this month's Newsletter, I thought I would take the time to share the ways that the Hartstene Pointe Water-Sewer District is focusing on this very important subject.



The first is that we are going to be installing extremely accurate, radio read, water meters at every address over the next few years. This will aid in tracking water leaks, reduce the read time from two days to twenty five minutes and help ensure the accuracy of the read itself. We expect to install a small portion of these meters within the next few months and the rest over the next one to two years. Stay tuned for more announcements on this subject.

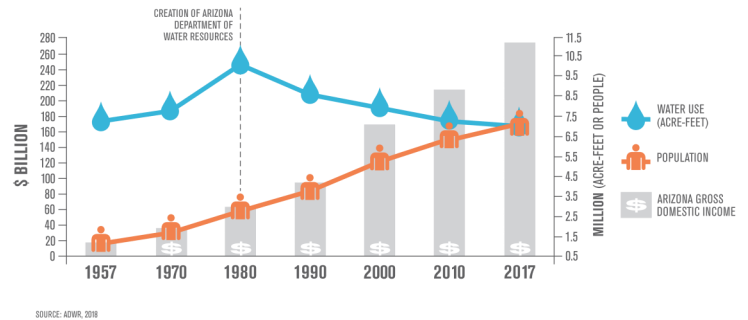
Another area that will assist the District in its conservation efforts is focused spending. For the past few years I have been working on developing an Asset Management plan for the District that will help us focus our spending on the areas of greatest need. I'm proud to say that this plan is over 80% complete and we'll be able to utilize it in the coming years for planning our annual budget and prioritizing capital improvements.

*For more information on Asset Management and why it is so vital to the health of water and sewer systems visit [www.doh.wa.gov/Portals/Documents/Pubs](http://www.doh.wa.gov/Portals/Documents/Pubs)*

Thank you again for continuing to partner with us in our efforts to serve this great community.

- David Carnahan, General Manager

Additionally, it was noted that Tucson was so successful with their conservation efforts over the last 40 years that the city has been able to enjoy population growth without the need to create new water treatment facilities, saving the city millions in project and facilities costs. Everything from "utility-led conservation programs, community outreach, tiered-rate structures, and steady technology advances have helped reduce water demands, positioning Tucson's water and wastewater services as more affordable and more resilient for the future." -<https://anwa.onlinelibrary.wiley.com/doi/abs/10.1002/anwa.1429>



### Key Takeaways

While Hartstene Pointe Water-Sewer District is nowhere near the size of Tucson, AZ it still requires a great deal of infrastructure to deliver water and wastewater services. The residents of Hartstene Pointe depend on these services for daily life and so it's extremely important that the community as a whole commits to conservation efforts.

With the help of each and every homeowner, the District will be able to reduce wear and tear on equipment, which will in turn lower annual maintenance costs, and allow for growth while simultaneously reducing or possibly eliminating the need for certain capital improvement projects.

