

Good afternoon! The Alliance is an exhibitor in its first ever American Water Works Association Annual Convention 2015 on June 8-10! The Alliance for PE Pipe booth is among the most prominent of exhibitors with an impressive footprint of 1,200 functional square feet. That space will be used for constant live demonstrations of butt fusion, electrofusion, and twice-daily pipe bursting demos. The Alliance Team will also conduct iPad give-aways each day. So stop by our Booth #2523, say hello, and drop your business card for a daily chance to win one of those iPads! I will be there for the duration and look forward to meeting you.

The impending AWWA C906-14 update is a highlight of the summer to be sure because of the profound impact it will have on the municipal water market. Read about it below, and then click the link at the bottom of the article if you'd like to learn more. The Lago Vista story featured in this edition is another HDPE success story. And, we have included a link to a great video that tells the story quite well.

Stay Leak Free and Look for the American Flag next week in the exhibit hall!

See you on the road.

Peter Dyke, Executive Director

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## AWWA Will Soon Publish C906-14

HDPE piping systems are the material of choice for zero-leakage, seismic, fused, and trenchless water installations. Standards around the world recognize the full benefits of HDPE pipe, and the AWWA and ANSI-approved standard now does too!

AWWA C906-14 is a comprehensive update that includes significant revisions and changes to all sections of the standard. The update incorporates high performance (PE4710) resins - already in use and performing as designed for the last 7 years - that improve the durability and reliability of HDPE pressure pipe used in potable water systems.

The HDPE oriented update Includes:

- **High Performance PE4710 Resins** incorporated into the standard, yielding greater strength and greater pressure with



The many features and benefits of HDPE pipe will be shared with the 10,000 guests this coming week at AWWA. Stop by and see us at booth 2523, under the US Flag.

## Innovative Product: AVK Fusible HDPE Gate Valve

This month's entry in the innovative product category has been on my list for months. It has been a hit at our water roadshows as regular users of HDPE pipelines have been in search of in-line HDPE, butt-fusible valves. The AVK Series 66 Fusible HDPE Gate Valve is built to AWWA C515 standards but uses built-in HDPE ends for connection to HDPE pipelines through either butt fusion or electrofusion. The innovative design ensures the line will

thinner walls and less cost per pound

- **Zero-leakage** allowance for improved water supply and water conservation. HDPE joints are as strong as the pipe itself and do not leak.
- **Improved durability** of resin means it will last well over 100 years.
- **Higher pressure** ratings now available to 335 psi.
- **Larger internal diameter** and increased flow capacity given thinner pipe wall.
- **Enhanced surge** capacity and fatigue life. PE Pipe handles two times its pressure rating in occasional surge.
- **Diameters** to 65"

For more information check out PPI's website at [plasticpipe.org/municipal\\_pipe/awwac906.html](http://plasticpipe.org/municipal_pipe/awwac906.html)

## Lago Vista Strikes HDPE Gold



Dave Stewart, CIP Manager at Lago Vista, Texas, says his water loss rates have gone down from 35% to 12% since he has started using HDPE.

It is one thing to listen to people in the industry talk about how great HDPE is, but it is an entirely different story to listen to and learn from the actual user. So when Dave Stewart of Lago Vista, Texas, praises HDPE and talks about the difference it's made in their city water and sewer pipelines, we know that we aren't just tooting our own horns. We have proof of the strength and durability of our product.

I had heard a lot about Stewart from a few of my colleagues, so I figured it was time to meet him in person, on his turf, outside of Austin. Stewart is the Capital Improvement Plan Manager at Lago Vista, and he is leading the cause for a steady transformation to HDPE of the water and sewer pipelines in Lago Vista.

Located on the north shore of Lake Travis, Lago Vista "thrives in the rolling splendor of the Texas Hill Country." Just twenty miles west of Austin, the city of 6,500 people is a classic suburban community built amidst the beautiful landscapes of Central Texas. They have a lot of PVC and ductile iron in their system and have grown weary of the all-too-familiar cycle of *break and fix, break and fix*. Given his role as CIP guru, Stewart decided to do something about it. Taking advantage of what he knew about the natural gas industry's successful use of HDPE pipe, he received permission to conduct an HDPE trial in his town.

After a couple of successful, smaller diameter water HDPE pipe trials, Stewart started using HDPE exclusively for both water and sewer. He said, "We have been using HDPE for 7 years," and "we have only fixed

remain leak free without the need for mechanical flanges, stiffeners, or bolt kits. Available from 2" to 16" diameter, Series 66 gate valves are fitted with SDR 9 – SDR 13.5 ends. These valves incorporate AVK's unique gate valve features, including a stainless steel stem and encapsulated bonnet bolting system. For more information, connect with [AVK](#).



*The AVK fusible gate valve eliminates the need for mechanical connections to HDPE pipe. Just fuse it and operate leak free!*

## Roadshow News

The Alliance conducts roadshows and seminars throughout the United States. Well they broke a record this year by speaking to and meeting with over 2,150 different people in calendar year 2014.

If you want to see what all the conversation is about, [send us an email](#), and we will come see you!

Thanks to HDPE Pipe Nation for supporting the work of the Alliance for PE Pipe.

## Upcoming Roadshows

July 14 - San Diego

it once. It was a bad butt fuse on a two inch RPZ tap.” The most dramatic figure he cited in the conversation was that his water loss rates “have steadily declined from 35% when they started using HDPE to 12% in 2014.”

During my visit, we had a chance to check out his storeroom where all the HDPE equipment is stored. His inventory of stock HDPE fittings was impressive. In addition to their full shelves of fittings, flanges, and elbows, they have a Georg Fischer



Central Plastics electrofusion processor. It sends an electric charge into the electrofusion fittings and permits fusion to take place in those tough and narrow spots.



Stewart told me that he has 60 miles of pipelines - 35 wastewater and 25 water lines. Their largest diameter line is 16”, and they are doing all of their own fusions. (If you decide to follow Lago Vista’s lead and get into fusion, know there are ASTM training

standards that will provide you with guidance and the standards necessary to train your staff properly). “Every time an RPZ needs to be fixed, we fix it with HDPE. Brass splits and so does PVC, so we just use HDPE,” he said. They still have crews tasked with fixing incumbent system line breaks each week, but the demand for their service is declining and that staff is being redeployed to installations of HDPE.

Lago Vista’s call to go to HDPE is already paying significant rewards through not only their capital plan, but also through the hundreds of thousands of gallons of water they are saving annually. The municipality that is committed to addressing significant leakage rates should pay clear attention to the message sent by Dave Stewart. Gold is no longer the most precious resource in the US - water is, and HDPE respects the value of that new, most precious resource.

Our friends at George Fischer Central Plastics recently produced an excellent video that tells the Lago Vista story. If you have a couple of minutes and want to see Stewart on the screen, [view the video here](https://youtu.be/Tx0o_mITmwg) [https://youtu.be/Tx0o\\_mITmwg](https://youtu.be/Tx0o_mITmwg).

July 15 - Los Angeles

July 29 - Tulsa

## Quick Links

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