



Greetings – Amidst the weather events it seems almost silly to be worried about which pipe type our municipal leaders choose, but it really is not. Interestingly, Florida and Texas are two states with high HDPE adoption rates. Back in 2014, my colleagues gave me a hard time for touring the devastation in Napa Valley following their 6.0 earthquake. But what I learned was that the city of Napa experienced 132 water main breaks in their metal pipes and they did not use HDPE. Their sanitary colleagues, Napa Sanitation had 6 breaks in AC pipe and none in their HDPE pipes. And, the Water Research Foundation (report #4408) tells us that HDPE is seismically resistant.



HDPE main line with inline butt fusible AVK valves installed.

Research and real life examples speak the truth. This seismic performance translates directly to in ground performance. Given one of the most likely failures of pipelines is joint failure, that means HDPE will last much longer than traditional pipes. We are talking well over 100 years. When the ground moves, HDPE does not break, it may bend, it may curve, but it does not break like other pipes.
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Engineer's Showcase

If you design or work with HDPE, grab a colleague and come to Dallas for a full day to dive deep on HDPE design,

installation and real world adoption examples. The Alliance has assembled the country's top experts on HDPE and created all new HDPE content just for you and your design team. Our only mission at this once a year event is to teach engineers and municipal leaders about HDPE design, installation and operation. So check out what we are offering and you will find this will be the best one-day event you will have attended in all of 2017.

- All New content
- Nationally renowned HDPE speakers
- Doubletree DFW South Arlington - \$99 rooms
- 6 CEU/PDH
- \$145 all in

Learn More Here: <http://www.pepipe.org/engineers-showcase-2018>

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Gajeske

Municipal Use Spotlight



City of Ft Wayne, IN has adopted HDPE use in a big way. With main break rates exceeding 700 in a single year, engineer Matt Wirtz, PE decided to change the

routine. After evaluating all pipe types, he installed a few HDPE projects and determined that its long life cycle and ease of installation would add immeasurably to the ability of the city to best manage their pipe system. After 15 years of use, the city is down to 149 actual (200 breaks est. yr end) in 2017 and a manageable capital plan. Good work Matt and way to best manage the rate payer's taxes.



12" HDPE going into a pipe burst in Ft. Wayne last year.

HDPE Quick Links

- » Who We Are
- » PE Pipe Offerings
- » Our Website

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Greetings from Peter *(continued)*

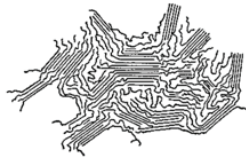
More and More cities are conducting HDPE pilots to see for themselves how this incredible, black pipe performs. In fact 15,000 miles of HDPE pipe went into the ground into 2016. Miami, Ft. Lauderdale, Los Angeles, Houston, San Francisco, Duluth, Livonia, Lago Vista, Austin, Ft Wayne, to name a few, all “got it goin’” with HDPE pipelines.

If you are using metal pipe and dealing with hundreds of water main breaks, each year, Ask yourself Why? More and more utilities are tired of the break and fix break and fix routine. You owe it to your rate payers to consider a 100-year+ alternative.

— Peter Dyke, Executive Director

HDPE is a Thermoplastic

- Plastic that can be *repeatedly* softened by heating and hardened by cooling
- It is reversible and repeatable
- HDPE retains all physical properties it had prior to heating



Municipal Awards

At its Industry Showcase event in December, the Alliance will announce 2017 HDPE project award winners. If you are an HDPE user and have not contacted your distributor to submit your project, please do so! Questions? Ask our Executive Director at pdylke@pepipe.org.

We will also announce our first ever college scholarship to a student in an engineering program that addresses PE design in their program. Know anyone who needs assistance?

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Engineer's Showcase Tracks for December 7, 2017

Sign-In (and Fusion Demos)	7:30 AM
HDPE 301 Benefits + Design Or HDPE 302 Contractor Reliability	8:15 AM
HDPE 303 Technical Notes/Reports Or HDPE 304 Complete Accountability	9:30 AM
HDPE 305 HDPE Standards Or HDPE 306 Pipe Bursting AC Demo	10:45 AM
Lunch	12:15 PM
HDPE 307 PPI Boreaid, Calc and App. Or HDPE 308 Connections, Fusion, Repair	1:00 PM
HDPE 309 Burial, Embedment, M-55 Or HDPE 310 Municipal Cases	2:00 PM
HDPE Expert Panel	3:00 PM

Upcoming Roadshows

- » October 24th – Sacramento, CA
- » October 26th – Redwood City, CA
- » November 14th - Albuquerque, NM
- » November 16th - El Paso, TX
- » December 7th - Engineer's Showcase

These events are water and waste water oriented, custom, interactive presentations intended to grow your HDPE knowledge and answer your questions.



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