



## FOR IMMEDIATE RELEASE

Contact: Michael P. Mormino & Danny Bauer  
866-859-9274

April 2, 2018

### ENPRESS LLC – NEW PIONEER™ Lead & Cyst POE Filtration System

EASTLAKE, Ohio – ENPRESS LLC, is pleased to announce the introduction and availability of its NEW PIONEER™ Lead & Cyst filtration System, a first of its kind Whole-House Lead Removal System. This new and innovative POE (Point-of-Entry) filtration system provides **FILTRATION EVERYWHERE TECHNOLOGY®** - PIONEER™ provides the best filtration solution – starting at the source and giving peace-of-mind throughout the entire home. Soluble lead is invisible, odorless, tasteless, and needs to be chemically removed from water, and PIONEER™ removes not only soluble, but particulate forms of lead as well. PIONEER™ is typically installed by a licensed plumber or water treatment professional, where the water main enters the home, business or restaurant, whether that be in a basement, garage, closet, or outside. This system has been tested and third party certified as required in the NSF/ANSI 53 standard, for the reduction of lead and cyst.

**The History of Lead Usage** - Until it was banned in new home construction in 1986, more than 70% of cities in the US were using lead-based products for conveying water, because it was less expensive and more durable than iron. Lead pipe could be easily bent, allowing pipes to be shaped to conform to the contours of existing buildings or other structures.

**How Lead Gets into Drinking Water** - Lead can enter drinking water when service lines that contain lead corrode, especially where the water has high acidity or low mineral content that corrodes pipes and fixtures, most often from the pipes that carry water from the water treatment plant to water mains under the street supplying homes. Lead release is heavily influenced by the chemistry of the water delivered by the water system and by physical disturbances such as road construction or water main replacements.

**How Lead Affects Children and Adults** - There is no safe level of lead for the human body and unlike other metals, it has no useful biological function. Even low concentrations of lead in water can cause a significant increase in blood lead levels and any damage are irreversible. Lead is a potent neurotoxin which has significant effects on childhood health and development. According to the Centers for Disease Control and Prevention, lead exposure can affect nearly every system in a child's body, inhibiting the development of both physical and mental abilities.

**The Solution** - Soluble lead is invisible, odorless, tasteless, and needs to be chemically removed from water. Particulate lead is like a tiny grain of sand that needs to be physically removed from water. PIONEER™ POE filtration system houses a strategically designed nominal 0.5-micron filter to remove BOTH (soluble and particulate) forms of lead contamination from the whole house in a single filter. The PIONEER™ Binder is designed to chemically react with soluble lead to create an ionic bond, kinetically removing lead from the water and producing clean water.





### Other Harmful Contaminants PIONEER™ Removes

- **Giardia & Crypto** – Waterborne parasite that causes diarrheal disease; very resistant to chlorine-based disinfectants, common in drinking and recreational waters.
- **Chlorine & Chloramine** – Water disinfectants added to municipal water, that have negative health effects and the most harmful exposure is through inhalation and skin adsorption of steam in a shower.

\*\*Microbial Cysts like Giardia and Cryptosporidium can survive in cold water for several months, and can be resistant to disinfection, like chlorine, so they must be filtered out of the water supply. Because Giardia can lead to dehydration from its symptoms (including diarrhea, nausea, and stomach cramps), it has no long-term effects.

*“PIONEER™ is the first of its kind whole-house filtration system that removes lead and will last a year or greater, up to 100,000 gallons plus, offering full flow of water throughout the home and clean water whether you drink, shower, brush your teeth, wash dishes, or bathe in the water in your home. Other systems typically just filter the water at a POU(Point-of-Use), like a water pitcher in the refrigerator. PIONEER™ filters all water and provides that piece-of-mind,” said Danny Bauer, Sales & Marketing Manager at ENPRESS LLC. “This proven and certified product can solve the nationwide lead drinking water crisis in the home and in businesses.”*

PIONEER™ uses a patented and state-of-the-art snap-ring technology to eliminate the need for cumbersome tools and makes the removal and change-out of filters simple and easy, so Homeowners can easily replace the filter in their PIONEER™ system by following a few simple steps.

PIONEER™ also features a Bypass, Meter, and Drain Connection as part of the system, of which will make for easier installations in homes, businesses, universities, laboratories, or other applications and installations. Featuring a no glue required integrated bypass with 1” MNPT elbow or straight connections and a meter and integrated digital Umbrella cap that counts the gallons and properly notifies the end-user of when to change the filter, PIONEER™ provides the simplest installation and maintenance of any water treatment system in the world.

#### **ONE - Water Filtration Simplified®**

ENPRESS LLC is a worldwide leading manufacturer of composite pressure vessels and filtration systems for use in water treatment. The exclusive and patented products designed by ENPRESS provide superior performance and water saving solutions...100% Made in the USA. More information is available on the company's website at [www.enpress.com](http://www.enpress.com) or by calling 1-866-859-9274.

\*\*US and International Patents and Patents Pending.

ENPRESS, LLC / [Where Innovation Flows™](http://www.enpress.com)

(440) 510-0108 // (866) 859-9274

[www.enpress.com](http://www.enpress.com) // [www.onefiltration.com](http://www.onefiltration.com)

[info@enpress.com](mailto:info@enpress.com) // [mmormino@enpress.com](mailto:mmormino@enpress.com) // [dbauer@enpress.com](mailto:dbauer@enpress.com)