



## **CLAMP DOWN ON INFLUENT INFILTRATION COSTS**

*New Sewer Line Vent Clamp for Northern States*

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For Immediate Release:

LNR Industries announces the patented **“A” Clamp Sewer Line Vent Clamping System** that secures riser/cleanout pipes to the discharge pipe with a strong clamping action that eliminates ground water infiltration. The low cost, easy-to-install, clamp can save thousands of dollars in wastewater treatment every year in northern areas that experience damaged vent pipes caused by cold winter temperatures.

Northern towns, villages and cities experience a distinct groundwater infiltration problem that wastes thousands of taxpayer dollars every year. Freeze-thaw cycles will often pull the riser/cleanout pipe away from the sewer discharge line. This allows ground water to infiltrate into the sanitary sewer system where it is unnecessarily treated. The LNR Industries **“A” Clamp** is a unique low-tech, and low-cost, remedy that secures the riser to the discharge pipe with a strong clamping action. Hydrostatic forces in the ground are great enough in northern climates that typical installation methods will not keep riser/cleanout pipes from moving. Even glued joints can crack under the extreme pressures. It is estimated that 15% of all riser/cleanout pipes will develop groundwater leaks, and just one leaking vent pipe can allow several thousand gallons of water into the sanitary sewer system every day where it is unnecessarily treated.

“The **“A” Clamp** directly addresses the infiltration problem. We took an aggressive move and put this into code. It cured the problem 100%,” said Ken Baker, Water Superintendent of the Town of Lockport in New York. Many communities are adding the **“A” Clamp** to the code books to assure that new installations will not add to the already overburdened municipal treatment budgets. Keith Dickenson, Superintendent of Public Works for the Village of Wilson, New York said “We’ve had no problems since we put the **“A” Clamp** in code. None have leaked since we put it in code five years ago.” While there are many other sources for influent infiltration, this source can be controlled by simply putting the **“A” Clamp** into municipal building codes. With the stroke of a pen the problem can begin to be solved. Either the home owner or the municipality can absorb this small one-time expense and stop wasting tax dollars year after year processing clean ground water.

Pull-out testing has shown that riser pipes utilizing the **“A” Clamp** can handle as much as 1500 pounds of force. Standard installation methods fail at forces as low as 70 pounds for unglued, or

300 pounds for glued pipe joints. The “A” **Clamp** affixes the riser/cleanout pipe to the lateral service line or to the P trap if one is used. The “A” **Clamp** is made from solid steel and features a durable, rubberized coating for long life underground. All hardware is stainless steel.

**Real-Life Examples of Infiltration Reduction with the LNR Industries “A” Clamp**

<b>1) PUMP STATION #10 - Newfane, NY</b>		
	<i>Pump #1</i>	<i>Pump #2</i>
March, April, May 1994	1378.6 hr	642.8 hr
March, April, May 1997	318.9 hr	531.0 hr
<b>SAVED</b>	<b>1059.7 hr</b>	<b>111.8 hr</b>
a) Saved approximately 72,000 gallons of ground water from entering the sanitary sewer system per a 24 hour period.		

<b>2) PUMP STATION #13 - Newfane, NY</b>		
	<i>Pump #1</i>	<i>Pump #2</i>
March, April, May 1994	1125.7 hr	771.5 hr
March, April, May 1997	645.0 hr	467.3 hr
<b>SAVED</b>	<b>480.7 hr</b>	<b>304.2 hr</b>
a) Saved approximately 200,000 gallons of ground water from entering the sanitary sewer system per a 24 hour period.		

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LNR Industries is headquartered in Newfane, New York and has been in the water and wastewater business for over twenty years. Nick Adinolfi is the inventor of the "A" **Clamp** and owner of LNR Industries and has been involved with municipal sanitary sewer systems in the Western New York area since the 1980's. All of LNR Industries products are designed and built in the United States. Contact: Michael Durgan at LNR Industries, P.O. Box 67, Newfane NY, 14108, (716) 984-9370. Web: [www.AClamp.com](http://www.AClamp.com) Email: [mwdurgan@adelphia.net](mailto:mwdurgan@adelphia.net).