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ENGINEERS' CONNECTION

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LONG LIFE OF PE IN MUNICIPAL WATER SYSTEMS CONFIRMED

An ongoing study has confirmed a 100-plus-year life expectancy for pipe made from polyethylene when used in municipal potable water systems.

Commissioned by the Plastic Pipe Institute and carried out by Jana Laboratories, the study is the latest in-depth investigation into the effects of disinfectant on the lifetime of PE pipes. Interim findings reveal PE can last more than 100 years under most water quality conditions, service environments and disinfection techniques.

"This study proves what we've already known—that PE is a superior product whose life expectancy far exceeds non-plastic materials," says Dan O'Connor, JM Eagle vice president of sales for PE.



PE has been used successfully for water pipe since the 1950s because of its leak-free joints, durability, resistance to corrosion and long-term cost effectiveness. JM Eagle plants have manufactured PE pipe since 1999.

The company's PE product line includes a high-density product for water and sewer in ½-inch to 63-inch sizes, as well as HDPE for irrigation and water systems in diameters of ½ inch to 2 inches, and Eagle Corr PE, a corrugated HDPE pipe in sizes 4 inches to 60 inches for use in gravity flow applications.

The final report on the ongoing study is anticipated in 2010.



For more information about Eagle Corr PE, visit www.jmeagle.com or call your sales representative at (800) 621-4404.