

## MEMORANDUM TO THE INDUSTRY

TO: All Builders, Developers, Engineers, Site Contractors, and  
Distributors Engaging in the Installation of Loudoun Water's Systems

FROM: Leslie Plazio, P.E., Manager of Inspection Services  
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DATE: January 12, 2014; Updated May 8, 2015

SUBJECT: Maintaining Clean Pipe During Installation of Water Mains

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A review of construction activity during the year 2013 has shown an increase in failed construction water purity samples. Loudoun Water reminds all utility contractors that AWWA standards for the installation of water mains will be strictly enforced. These standards require that the interior of the pipe, fittings, and other appurtenances be free from dirt and other foreign matter at all times. To this end, all pipe and appurtenances must be inspected carefully at delivery and during installation for damage, defects, and cleanliness.

Loudoun Water strongly recommends that all pipe stored on site be sealed at each end with plastic. In no case shall pipe with evidence of dirt or foreign matter be permitted to be installed. During installation, pipe shall be protected at all times from possible contamination by ground water, soil, bedding material, and foreign debris. When the crew is not in the excavation with the pipe, it is required that the pipe be sealed. Water mains found to be contaminated with ground water will be removed and cleaned. Loudoun Water anticipates that compliance with this standard will facilitate the acceptance into the public system, and will result in savings in time and the cost of construction water.