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**DEPARTMENT OF PUBLIC WORKS - Engineering Division  
MEMO**

TO: Utilities Committee  
Finance Committee

FROM: Ross Buetow, Deputy Director of Public Works/City Engineer *RMB*

DATE: August 5, 2014

SUBJECT: Notification of water main replacement by City of Appleton Water Division Staff  
Story Street from Commercial Street to Spring Street

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On several recent occasions, the property owner at 924 N. Story Street has approached the City regarding extremely poor water quality at his residence. City water crews have attempted multiple remedial actions in an effort to improve the water quality in the area, including repeated main flushing and the utilization of bleeder lines to maintain circulation in the system. Unfortunately, none of these measures have proved successful.

The problem we have identified is that this property is served off of an older cast iron main with severe iron deposits. This main is near the southern boundary of our main pressure zone, where water circulation is limited. This is the only property connected to this 250 foot section of 6" cast iron water main. The connecting water mains at each of the adjacent intersections are newer vintage PVC mains.

The purpose of this memo is to notify the Utilities Committee and Finance Committee that City of Appleton water crews will be immediately replacing this short section water main due to the urgency of the water quality problem. This was not a project identified for construction in 2014; however, we have sufficient fund balance in our Distribution Capital Improvement (5371) account to complete the work, so no budget adjustments will be necessary.

Thank you.