CITY OF HAMILTON INTERNAL AUDIT REPORT 2014-17 CORPORATE SERVICES AND PUBLIC WORKS – WATER BILLINGS PROCESS

RECOMMENDATION FOR			
OBSERVATIONS OF EXISTING SYSTEM	STRENGTHENING SYSTEM	MANAGEMENT ACTION PLAN	
Water Meter Testing and Replacement			
The water and wastewater billings process is dependent on the accuracy of water meters used to measure the amount of water consumption. Meters that under-register consumption result in lost revenue to the City. The Hamilton Water Division does not have a program in place to regularly test and monitor the accuracy of the City's small (residential) water meters. Per the American Water Works Association (AWWA), the optimal number of years that meters should remain in service can only be assessed by testing a sample of the meters.	 That the Hamilton Water Division implement a program to test the City's small water meters. That the Hamilton Water Division continue to test and maintain large meters on a regular basis, repairing or replacing any inaccurate meters as needed. 	Agreed. Hamilton Water (HW) is moving forward in developing a formal meter change out program for residential (small) water meters. 5,000 meters have already been purchased and will be installed at an expected rate of 150-200 meters per week during 2015 and early 2016, replacing some of the oldest meters. During this time, a number of older meters will also be tested for accuracy to determine the appropriate change out age and assess potential revenue risks. Expected completion: April 2016.	
Without a testing and monitoring program in place, a portion of the City's potential water and wastewater revenues are not able to be realized.		A large meter testing and maintenance program was previously implemented and in 2014 approximately 20% of our large meters were attended to for maintenance and testing. It is HW's goal to visit each large meter at least every five years. While this standard is below that which is recommended by AWWA Hamilton Water does not currently have the staff resources to implement such a program however, we are confident that the program that is now in place is sufficient at this time.	

CORPORATE SERVICES & PUBLIC WORKS – WATER BILLINGS PROCESS JUNE 2015

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	RECOMMENDATION FOR	
OBSERVATIONS OF EXISTING SYSTEM	STRENGTHENING SYSTEM	MANAGEMENT ACTION PLAN
Consecutive Estimated Consumptions (Cont'd)		
Per the Policy, multi-residential (MR), institutional,		
commercial and industrial (ICI) customers with 4-6 estimated readings are to be billed double actual		
historical billings and ICI customers with seven or		
more estimated readings are to be billed triple		
actual historical billings.		
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Of the MR and ICI account holders billed between		
May 13 to July 15, 2014, 255 MR and ICI		
customers had been estimated at least four or		
more consecutive times. None of these properties		
were billed at the increased levels required per the		
Policy		
Dy not enforcing the Delicy the public may		
By not enforcing the Policy, the public may perceive that providing actual water meter		
readings is not important and potential revenues		
are being foregone by the City.		
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