Internal Monitoring Report

Policy #: O-2D Affordab	ility
Monitoring Frequency :	Annual

Date: May 28, 2013

I certify that the following information is true.

Signed , General Manager

Policy Language:

Madison Water Utility customers will pay an affordable rate for water, recognizing that this affects investment in infrastructure and water quality improvements.

Accordingly,

- 1. Water rates will be between the 25th and 75th percentile for Class AB utilities (those serving 4,000 customers or more) in Wisconsin.
- 2. Water rates will complement economic growth in the City of Madison.

General Manager's interpretation and its justification:

- "Water rates" in this context means the average residential bill. To make a like kind comparison, a quarterly billing frequency is used across the board and consumption is assumed to be 18,750 gallons per quarter, which matches the City of Madison's consumption. Nonresidential water rates cannot be compared on an "apples-to-apples" basis due to differences in rate structures (class vs. non-class rates, different declining blocks, etc.) The question of nonresidential water rates relates to paragraph #2 below. The Public Service Commission of Wisconsin sets all class rates based on cost-of-service for a particular class (residential, commercial, industrial and public authority).
- 2. Water rates likely do not play a large role in private sector economic development decisions except in the potential case of water intensive industries. This will be confirmed and monitored through coordination with the City of Madison's planning and economic development staff.

Data directly addressing the General Manager's interpretation:

- 1. As the attached data show, the City of Madison's average residential water bill (if billed quarterly) would be \$66.00. This is below the median Class AB water utility bill of \$72.20 (Racine).
- 2. Feedback from the City of Madison Department of Planning and Community and Economic Development indicates that the cost of water has not been raised as a concern

for any future development, though large users would be sensitive to any future changes in supply and/or rates. The Water Utility's ability to provide high quality water service is viewed as an advantage.

<u>I report compliance.</u>

Attachment:

Residential Bill Comparison

Residential Bill Comparison

Wisconsin Class AB Utilities

SUPERIOR WATER LIGHT AND POWER CODougHOWARD VILLAGE OF WTR & SWR DEPBrowMENASHA ELECTRIC & WATER UTILITIESWinnELKHORN LIGHT AND WATERWalwALLOUEZ VILLAGE OF WATER DEPTBrowBELLEVUE WATER UTILITYBrowAPPLETON WATER DEPTCalurDE PERE WATER DEPARTMENTBrowHARTFORD CITY OF UTILITIESWashNEENAH CITY OF WATER UTILITYWinnGRAND CHUTE TOWN OF SANITARY DIST 1OutagKAUKAUNA UTILITIESOutag	in \$159.64 isbago \$153.00 porth \$148.25 in \$136.09 in \$135.90 et \$135.65 in \$135.19 ngton \$133.31 Bago \$123.77 amie \$123.77 amie \$123.00 du Lac \$123.89 Bago \$113.02 Bago \$113.02 Bago \$110.75 ha \$108.86 e \$104.62 \$101.75 \$104.62	1/1/2013 5/21/2012 3/1/2012 7/1/2010 1/1/2012 1/1/2012 1/2/30/2010 3/22/2011 1/8/2011 1/1/2011 1/1/2011 1/1/2011 1/1/2011 3/12/2012 5/10/2011 3/12/2012 9/2/2012 1/3/2011 6/4/2012 8/15/2012 7/5/2012
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PORT WASHINGTON MUN WATER UTILITYOzauWISCONSIN RAPIDS WATER WORKS & LIGHTINGCOMMISSIONWoodTWO RIVERS WATER & LIGHT UTILITYManiANTIGO UTILITIESLanglSOUTH MILWAUKEE WATER UTILITYMilwMARSHFIELD UTILITIESWoodLITTLE CHUTE MUNICIPAL WATER DEPTOutagNEW BERLIN WATER UTILITYWaulCALEDONIA VILLAGE OF WATER UTILITYBrowMENOMONEE FALLS VILLAGE OF WTR UTYWaulOCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPortage	ee \$104.62 \$101.75 owoc \$98.09	1/3/2011 6/4/2012 8/15/2012 7/5/2012
WISCONSIN RAPIDS WATER WORKS & LIGHTINGCOMMISSIONWoodTWO RIVERS WATER & LIGHT UTILITYManiANTIGO UTILITIESLanglSOUTH MILWAUKEE WATER UTILITYMilwMARSHFIELD UTILITIESWoodLITTLE CHUTE MUNICIPAL WATER DEPTOutagNEW BERLIN WATER UTILITYWaulCALEDONIA VILLAGE OF WATER UTILITYBrowMENOMONEE FALLS VILLAGE OF WTR UTYWaulOCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPortagen	\$101.75 owoc \$98.09	6/4/2012 8/15/2012 7/5/2012
COMMISSIONWoodTWO RIVERS WATER & LIGHT UTILITYManiANTIGO UTILITIESLanglSOUTH MILWAUKEE WATER UTILITYMilwMARSHFIELD UTILITIESWoodLITTLE CHUTE MUNICIPAL WATER DEPTOutagNEW BERLIN WATER UTILITYWaulCALEDONIA VILLAGE OF WATER UTILITYBrowMENOMONEE FALLS VILLAGE OF WTR UTYWaulOCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPortagen	owoc \$98.09	8/15/2012 7/5/2012
TWO RIVERS WATER & LIGHT UTILITYManiANTIGO UTILITIESLanglSOUTH MILWAUKEE WATER UTILITYMilwMARSHFIELD UTILITIESWoodLITTLE CHUTE MUNICIPAL WATER DEPTOutagNEW BERLIN WATER UTILITYWaulCALEDONIA VILLAGE OF WATER UTILITYBrowMENOMONEE FALLS VILLAGE OF WTR UTYWaulOCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPortagen	owoc \$98.09	8/15/2012 7/5/2012
ANTIGO UTILITIESLanglSOUTH MILWAUKEE WATER UTILITYMilwMARSHFIELD UTILITIESWoodLITTLE CHUTE MUNICIPAL WATER DEPTOutageNEW BERLIN WATER UTILITYWaulCALEDONIA VILLAGE OF WATER UTILITYRacingASHWAUBENON WATER AND SEWER UTILITYBrownMENOMONEE FALLS VILLAGE OF WTR UTYWaulOCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJeffenPLOVER VILL OF MUN WTR UTYPortage		7/5/2012
SOUTH MILWAUKEE WATER UTILITYMilwMARSHFIELD UTILITIESWoodLITTLE CHUTE MUNICIPAL WATER DEPTOutagNEW BERLIN WATER UTILITYWaulCALEDONIA VILLAGE OF WATER UTILITYRacinASHWAUBENON WATER AND SEWER UTILITYBrowMENOMONEE FALLS VILLAGE OF WTR UTYWaulOCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPortagen	do <u>ć06.40</u>	
MARSHFIELD UTILITIESWoodLITTLE CHUTE MUNICIPAL WATER DEPTOutageNEW BERLIN WATER UTILITYWaulCALEDONIA VILLAGE OF WATER UTILITYRacinASHWAUBENON WATER AND SEWER UTILITYBrowMENOMONEE FALLS VILLAGE OF WTR UTYWaulOCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPortage	ue \$90.40	10/1/2010
LITTLE CHUTE MUNICIPAL WATER DEPTOutageNEW BERLIN WATER UTILITYWaulCALEDONIA VILLAGE OF WATER UTILITYRacinASHWAUBENON WATER AND SEWER UTILITYBrowMENOMONEE FALLS VILLAGE OF WTR UTYWaulOCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPortage	ukee \$91.75	10/1/2010
NEW BERLIN WATER UTILITYWaukCALEDONIA VILLAGE OF WATER UTILITYRacinASHWAUBENON WATER AND SEWER UTILITYBrowMENOMONEE FALLS VILLAGE OF WTR UTYWaukOCONOMOWOC CITY OF UTILITIESWaukWAUKESHA WATER UTILITY CITY OFWaukWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPorta	\$91.65	1/1/2012
CALEDONIA VILLAGE OF WATER UTILITYRacinASHWAUBENON WATER AND SEWER UTILITYBrowMENOMONEE FALLS VILLAGE OF WTR UTYWaulOCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPorta	amie \$91.13	9/9/2011
ASHWAUBENON WATER AND SEWER UTILITY Brow MENOMONEE FALLS VILLAGE OF WTR UTY Waul OCONOMOWOC CITY OF UTILITIES Waul WAUKESHA WATER UTILITY CITY OF Waul WATERTOWN WATER DEPARTMENT Jeffer PLOVER VILL OF MUN WTR UTY Porta	esha \$89.57	2/15/2011
MENOMONEE FALLS VILLAGE OF WTR UTYWaulOCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPorta	\$89.03	10/15/2012
OCONOMOWOC CITY OF UTILITIESWaulWAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPorta	\$87.38	6/1/2006
WAUKESHA WATER UTILITY CITY OFWaulWATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPorta	esha \$86.84	4/1/2011
WATERTOWN WATER DEPARTMENTJefferPLOVER VILL OF MUN WTR UTYPorta	esha \$85.54	9/16/2011
PLOVER VILL OF MUN WTR UTY Porta	esha \$84.28	7/11/2012
	on \$83.65	7/31/2012
WAUWATOSA WATER UTILITY Milw	ge \$83.06	9/14/2001
	ukee \$83.00	3/2/2013
MARINETTE MUNICIPAL WATER UTILITY Marii	ette \$82.26	3/1/2012
STURGEON BAY UTILITIES Door	\$78.75	6/1/2009
SPARTA MUNICIPAL WATER DEPT Moni	be \$78.72	11/15/2010
WHITEFISH BAY VILLAGE OF WTR UTY Milw	ukee \$76.45	7/1/2012
WEST BEND CITY OF WATER UTY Wash		4/1/2011
MILWAUKEE WATER WORKS Milw	ngton \$73.60	6/1/2013
OAK CREEK WATER & SEWER UTILITY Milw	•	6/6/2011
RACINE WATER WORKS COMMISSION Racir	ukee \$73.01	0, 0, =0 = =
BEAVER DAM WATER UTILITY Dodg	ukee \$73.01 ukee \$72.44	
GLENDALE WATER UTILITY Milw	ukee \$73.01 ukee \$72.44 e \$72.20	8/22/2011

Residential Bill Comparison

Wisconsin Class AB Utilities

		Quarterly Bill	Date Rate
Utility Name	County	(18,750 Gallons)	Effective
MILWAUKEE WATER WORKS	Milwaukee	\$70.88	2/8/2011
DARBOY JOINT SANITARY DISTRICT NO. 1	Outagamie	\$69.88	5/1/2011
WEST ALLIS MUNICIPAL WATER UTILITY	Milwaukee	\$66.75	7/27/2011
GREEN BAY WATER UTILITY	Brown	\$66.50	3/6/2013
MADISON WATER UTILITY	Dane	\$66.00	5/9/2011
GREENDALE VILLAGE OF WATER UT	Milwaukee	\$65.44	6/1/2013
STEVENS POINT MUN WATER UTILITY	Portage	\$65.00	5/1/2012
GRAFTON WATER & WASTEWATER UTILITY	Ozaukee	\$63.19	12/24/2009
BROOKFIELD MUNICIPAL WATER UTILITY	Waukesha	\$63.15	9/1/2011
WAUNAKEE WATER AND LIGHT COMMISSION	Dane	\$61.13	7/1/2012
SHAWANO CITY OF WATER & SEWER UTILITY	Shawano	\$60.50	1/1/2009
WESTON WATER UTILITY	Marathon	\$60.31	3/18/2009
CUDAHY CITY OF WATER UTILITY	Milwaukee	\$60.30	8/1/2011
VERONA WATER UTILITY	Dane	\$60.25	7/1/2011
BELOIT WATER UTILITY	Rock	\$58.40	12/1/2010
MILWAUKEE WATER WORKS	Milwaukee	\$58.39	6/1/2013
STOUGHTON WATER UTILITY	Dane	\$58.13	9/1/2010
WAUSAU WATER UTILITY	Marathon	\$57.70	7/1/2010
EAU CLAIRE MUNICIPAL WATER UTILITY	Eau Claire	\$57.67	2/1/2013
GERMANTOWN WATER UTILITY	Washington	\$54.90	9/15/2010
MANITOWOC PUBLIC UTILITIES	Manitowoc	\$54.50	1/1/2012
KENOSHA WATER UTILITY	Kenosha	\$54.21	12/31/2009
SUN PRAIRIE UTILITIES	Dane	\$53.20	6/4/2010
MONROE MUNICIPAL WATER UTILITY	Green	\$51.00	4/2/2010
CHIPPEWA FALLS DEPT OF PUBLIC UTIL	Chippewa	\$50.69	12/1/2009
BARABOO CITY WATER WORKS	Sauk	\$48.79	3/20/2012
HUDSON PUBLIC UTILITIES	Saint Croix	\$48.45	7/1/1997
FORT ATKINSON CITY OF WATER UTILITY	Jefferson	\$48.20	9/1/2010
LA CROSSE WATER UTILITY	La Crosse	\$48.00	1/1/2013
LAKE GENEVA UTILITY COMMISSION	Walworth	\$47.10	11/26/1991
MILWAUKEE WATER WORKS	Milwaukee	\$47.08	6/1/2013
FITCHBURG WATER UTILITY	Dane	\$46.95	7/1/2012
MENOMONIE CITY OF WATER DEPT	Dunn	\$46.58	12/1/2002
MIDDLETON MUNICIPAL WATER UTILITY	Dane	\$45.81	3/31/2011
MILWAUKEE WATER WORKS	Milwaukee	\$45.71	2/8/2011
JANESVILLE WATER UTILITY	Rock	\$44.90	1/1/2013
ONALASKA MUNICIPAL WATER UTILITY	La Crosse	\$43.00	12/7/2010
SHEBOYGAN WATER UTILITY	Sheboygan	\$43.00	2/1/2012
RIVER FALLS MUNICIPAL UTILITY	Pierce	\$42.00	4/13/2012
Median	\$71.83		
Average	\$80.56		

31.8421

Standard Deviation