

ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, AMENDING CHAPTER 110 OF THE CODE OF THE CITY OF MIAMI BEACH ENTITLED "UTILITIES," ARTICLE IV, ENTITLED "FEES, CHARGES, RATES AND BILLING PROCEDURE," AT SECTION 110-166, ENTITLED "SCHEDULE OF WATER RATES AND TAPPING CHARGES;" AT SECTION 110-168, ENTITLED "SANITARY SEWER SERVICE CHARGE" ARE TO BE AMENDED; AND CREATING SECTION 110-171, ENTITLED "RATE INDEXING," IN ORDER TO ADJUST AND MODIFY HOW WATER AND SANITARY SEWER RATES ARE CALCULATED AND APPLIED; AND ALSO AMENDING APPENDIX A TO CHAPTER 110, ENTITLED "FEE SCHEDULE" TO INCREASE AND RESTRUCTURE THE WATER RATES AND SANITARY SEWER SERVICE CHARGES IMPOSED BY THE CITY PURSUANT TO SECTIONS 110-166, 110-168, AND 110-171; PROVIDING FOR CODIFICATION; REPEALER; SEVERABILITY; AND AN EFFECTIVE DATE.

**WHEREAS**, Chapter 110, of the Code of the City of Miami Beach, entitled "Utilities," establishes the City's potable water rates and how to calculate the rate and apply the rate to all water users and the sanitary sewer rates and how to calculate the rate and apply the rate to all sanitary sewer users; and

**WHEREAS**, the City's utility rates for water and sanitary sewer services are structured to collect the necessary revenues to meet annual operating and maintenance costs of the water and sanitary sewer infrastructure, to cover debt service for water and sewer bonds, to fund capital improvements to the City's utility system infrastructure, maintain adequate operating fund and capital reserves, and to pay Miami-Dade County Water and Sewer Department (WASD) for wholesale water purchased and for the treatment of the collected City sewage; and

**WHEREAS**, WASD has historically raised the rates for wholesale water and sanitary sewer to recover its cost of providing service and it is anticipated by WASD that it will continue to raise the rates for service due operating expenditures and debt service increases and the need to fund future capital improvements; and

**WHEREAS**, the City adopted Resolution No. 95-21585, as amended and supplemented from time to time, which authorized the issuance of utility revenue bonds to finance capital improvements to the utility system (herein after "System") which included a requirement that the revenues of the System shall at all times meet the rate covenant requirements as delineated in such resolution for the protection of the bondholders; and

**WHEREAS**, in addition to the above WASD rate increase, the City Commission directed that the City review its utility rates and method of calculating the fees under Chapter 110; and

**WHEREAS**, the City retained the firm of Public Resources Management Group, Inc. (PRMG) to assist in determination of revised water and sanitary sewer rates in order to meet the projected expenditure and funding needs of the City's utility system as identified in the Fiscal Year 2016/2017 budget; and

**WHEREAS**, PRMG recommended revised rates and rate policies to be more consistent with industry norms in the application of rates; promote water conservation and the most efficient use of potable water; initiate a rate structure that over time will more adequately recover the cost of service and promote the overall sustainability of the utility system; provide the ability to adjust rates due to changes in the cost of wholesale water and wastewater service as provided by WASD; and provide the ability to index the rates for inflation and other expenses to provide utility operating margins to fund capital improvements and the repayment of debt issued by the City in support of the funding of capital improvements; and

**WHEREAS**, in order to properly fund the City's water and sewer program, and to implement the PRMG rate structure findings, so that the city can not only take into account the actual WASD rate increases, but, also the other PRMG recommendations due to continued inflation on the cost of providing water and sanitary sewer by the City, the City seeks to amend Chapter 110, to codify and pass through to the residents the WASD rate increases; to index rates annually to pass through to the residents increases in costs due to inflation on the cost of operations and maintenance; and to incorporate an adjustment for operating expenses would serve to keep the rate stabilization fund healthy and user fees consistent with the cost of providing service; and

**WHEREAS**, during the August 29, 2014 meeting of the Finance and Citywide Projects Committee (FCWPC), the Committee recommended approval of the pass through of the respective water and sewer rate increases, as well as establishing a policy of automatically implementing the percentage increases of water and sewer rates that are enacted by Miami-Dade WASD to the entire fund without further Commission action; and

**WHEREAS**, the Committee also directed the Administration to follow up with all appropriate administrative actions to assure that fees are commensurate with the cost of service provided to the Satellite Cities; and

**WHEREAS**, the amendments set forth below are necessary to accomplish the above objectives.

**NOW THEREFORE, BE IT ORDAINED BY THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA:**

**SECTION 1.** Chapter 110 of the Miami Beach City Code entitled "Utilities," Article IV, entitled "Fees, charges, rates and billing procedure," at section 110-166, entitled "Schedule of water rates and tapping charges;" Section 110-168, entitled "Sanitary sewer service charge," and Section 110-171, entitled "Rate indexing" are hereby amended as follows:

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## **Chapter 110 – UTILITIES**

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### **DIVISION 2. - RATES, FEES AND CHARGES**

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**Sec. 110-166. - Schedule of monthly water user rates and tapping charges.**

- (a) There is hereby imposed, upon all premises within the city connected to or using the facilities of the city's potable water system, a monthly water user rate. Everywater supply service shall have premise connected to or using the facilities of the city's potable water system shall be billed monthly user rates consisting of: i) a base facility charge which serves as the monthly minimum service charge on each service installed, varying with and based upon the size of the service pipe required and meter installed in accordance with the rules of the public works department; ii) a water consumption charge; and iii) a purchased water pass-through adjustment rate to recover the cost of purchased wholesale water as billed - All monthly minimum service charges and rates shall be adjusted by the same percentage enacted by the Miami-Dade Water and Sewer Department (WASD). This minimum-The monthly water user rates charged for service shall be in accordance with the consumer applicability provisions and the corresponding schedule set forth in Appendix A, in appendix A and shall entitle the consumer to have supplied through the meter the number of gallons of water set forth in appendix A as may be adjusted from time to time based on the provisions of the section. There shall not be a rental charge on meters.

The monthly water user rates shall be charged to each individually metered water consumer each month in accordance with the following applicability provisions:

- (1) Individual Metered Residential Service – applicable to all consumers that represent service to a residential dwelling unit that is individually metered for potable water service that is not classified as irrigation service.
- (2) Master Metered Multifamily Residential Service - applicable to all consumers that represent service to a residential dwelling units that is master-metered (more than one residential dwelling unit being served by the water meter measuring service to the premise) which would include, but not be limited to, condominiums, apartments, and duplexes, that are not classified as irrigation service.
- (3) Non-residential Service – Applicable to all water customers that are not classified as individually metered residential service, master-metered residential service, or irrigation service which primarily represents service to commercial customers public authorities, and institutional customers.
- (4) Residential Irrigation Service – Applicable to all residential dwelling units that are individually metered for domestic water use (reference Sec. 110-166 (a)(i)) and which have a separate meter for irrigation service or other similar water use.
- (5) Master Metered Multifamily Residential Irrigation Service – applicable to all master metered residential customers that are individually metered for domestic use (reference Sec. 110-166 (a)(ii)) and which have a separate meter for irrigation service or other similar water use.
- (6) Non-residential Irrigation Service – applicable to all customers classified as non-residential that are individually metered for domestic use (reference Sec. 110-166 (a)(ii)) and which have a separate meter for irrigation service or other similar water use.

(b) To the extent practical, all water delivered to a consumer shall be metered and shall be billed the water consumption charge and the purchased water pass-through charge, which rate shall be prorated for each 100 gallons in the event of increments of less than 1,000 gallons for all consumers of water. With respect to the billing for water use, the water consumption rates and the purchased water pass-through rate as defined in this section may be added together for rate application or billing purposes on a consumers bill.

(c) *Pass-Through of Purchased Wholesale Water Charges.* The Purchased Water Pass-through Rate, which is applied to all water consumers being billed for potable water service, shall be increased or decreased by the city by applying a pass-through adjustment factor for any change in the average annual rates charged to the city for wholesale potable water purchased from WASD (the "Water Pass-Through Adjustment") to the Purchased Water Pass-through Rate charged by the city.

(1) *Adjustment Schedule.* The implementation of the adjustment to the Purchased Water Pass-Through Rate for any month that a change in wholesale potable water rates by WASD is effectuated ("Water Cost Recovery") shall occur without a public hearing. Water Cost Recovery shall be employed each time that WASD adjusts the average annual wholesale potable water rates that are billed to the city. Any adjustment to the Purchased Water Pass-Through Rate based on the determination of the change in wholesale rates shall be implemented in the month immediately following the determination of the Purchased Water Pass-Through Adjustment. The Purchased Water Pass-Through Rate as shown on Appendix A and as may be further adjusted automatically in the future by the implementation of the provisions of this section and which are then in effect shall be increased or decreased by the city by applying a Purchased Water Pass-through Adjustment established in accordance with this subsection to the then effective Purchased Water Pass-Through Rate prior to such application. Nothing herein shall preclude the city from making additional changes to the monthly water user rates for service.

(2) *Applicability of Purchased Water Rates.* The Purchased Water Pass-Through Rate shall be in addition to any water consumption rates for all retail and wholesale customers that are billed for potable water service by the city. The following are the customers that shall be subject to the application of the Purchased Water Pass-through Rate and shall be subject to the pass-through for changes in the cost of purchased water from WASD (the "Applicable Customers"):

- (i) The retail water customer classes that are billed the water consumption charge referenced in this section.
- (ii) All separate utilities or local governments that may receive wholesale potable water service provided by the city currently or in the future which is not considered as retail customers.

(3) *Calculation of Purchased Water Pass-Through Adjustment.* The Purchased Water Pass-Through Adjustment shall be calculated using the following formula:

$$PWPTA = ((IWWC - PWWC) * (1 / (1 - (DF+T+O))))$$

Where:

PWPTA = The Purchased Water Pass-Through Adjustment to be used for Water Cost Recovery to determine the monetary adjustment in the Purchased Water Pass-through Rate to be applied the Applicable Customers. The PWPTA represents the respective dollar increase or decrease to account for changes in wholesale potable water rates charged by WASD to the city that is added or subtracted, respectively to the Purchased Water Pass-Through Rate.

IWWC = The increased annual average wholesale or purchased water rate charged by WASD expressed on a dollar per 1,000 gallons basis that became effective for the month immediately after the PWWC.

PWWC = The prior annual average wholesale or purchased water rate charged by WASD expressed on a dollar per 1,000 gallons basis immediately prior to the billing of the adjusted wholesale or purchased water rate defined as the IWWC.

DF = The fee paid to the Department of Environmental Resources Management (DERM) which is based on a percent of rate revenues billed by the city.

T = Any and all taxes or tax equivalents that may be paid by the water system that is based on revenues billed by the city, including any payment in lieu of tax imposed by the city on its water system.

O = Any and all charges that may be paid by the city on behalf of the water system that is based on revenues billed by the city, including any funding of renewals and replacement fund deposits that is determined as a percent of revenues billed.

(4) *Determination of Purchased Water Pass-Through Rate.* The Purchased Water Pass-Through Rate shall be determined based on the addition or subtraction of the Purchased Water Pass-Through Adjustment to the rates in effect immediately preceding such adjustment and shall be rounded to the nearest cent. The Purchased Water Pass-Through Adjustment application shall be based on the following formula:

$$\text{APWTR} = \text{PWPTR} + \text{PWPTA}$$

Where:

APWTR = The Adjusted Purchased Water Pass-Through Rate that is to be placed in effect after the application of the Purchased Water Pass-Through Adjustment to all Applicable Customers billed for potable water service.

PWPTR = The Purchased Water Pass-Through Rate in effect immediately prior to the application of the PWPTA.

PWPTA = The Purchased Water Pass-Through Adjustment as determined as a result of a change in wholesale water rates as billed by WASD.

(5) An example of the calculation of the determination of the Purchased Water Pass-Through Adjustment and the corresponding change to the Purchased Water Pass-Through Rate is illustrated in the following table:

	<u>Line No.</u>	<u>Formula Reference</u>	<u>Amount</u>
Prior Wholesale Purchased Water Rate (\$/1,000 gallons)	1	PWWC	\$1.7350
Increased Wholesale Purchased Water Rate (\$/1,000 gallons)	2	IWWC	\$1.7700
Percent Change in Wholesale Purchased Water Rate	3=(2-1)/1		2.02%
Adjustments			
Department of Environmental Resources Management	4	DF	8.00%
Taxes and Tax Equivalents	5	T	0.00%
Other Adjustments	6	O	0.00%
Adjustment Factor = $1/(1-(D+T+O)) = 1/0.92$	7		1.08696
Purchased Water Pass-Through Percent Adjustment	8=(3*7)		2.20%
Prior Purchased Water Pass-Through Rate (\$/1,000 gallons)	9	PWPTR	\$1.93
Purchased Water Pass-Through Adjustment	10=9*8	PWPTA	\$0.02
Adjusted Purchased Water Pass-Through Rate (\$/1,000 gallons)	11=9+10	APWTR	\$1.95

(d) *Pass-Through Adjustment Charges.* The Applicable Rates as shown on Appendix A and as may be further adjusted automatically in the future by the implementation of the provisions of this section and which are then in effect shall be increased or decreased by the city by applying a pass-through adjustment factor established in accordance with this subsection (the "Pass-Through Factor") to the then effective Applicable Rates for increases or decreases in the Applicable Costs. All Applicable Rates so adjusted (the "Pass-Through Rates") shall be charged by the city's water system.

(1) *Adjustment Schedule.* The implementation of Pass-Through Rates for any month associated with a change in Applicable Costs ("Cost Recovery") shall be placed into effect automatically and shall occur without a public hearing. Nothing herein shall preclude the city from making additional changes to the monthly water user rates for service.

(2) *Applicable Rates.* The water base facility, water consumption charges, and Purchased Water Pass-through Rate referenced in subsection 110-166(a) shall be subject to Cost Recovery.

(3) *Applicable Costs.* Only the following cost categories qualify as Applicable Costs for Cost Recovery:

- (i) All increases or decreases in the percentage charge of the Department of Environmental Resources Management.

- (ii) All increases or decreases in the application of any tax or tax equivalents, including any payment in lieu of tax imposed by the city on its water system.
  - (iii) All other cost increases incurred by the water system as a result of any regulatory changes or requirements imposed by any regulatory agency having jurisdiction over the utility system operations (a "Regulator")
- (4) Calculation of Pass-Through Factor. The Pass-Through Factor shall be calculated using the following formula:

$$PTF = ARR / ER$$

Where:

PTF = The Pass-Through Factor used for Cost Recovery to determine the monetary adjustment in the Applicable Rates. The PTF represents the estimated annual increase in the Applicable Costs, expressed as a percentage of the most recent historical revenues derived from the Applicable Rates for the most recently completed fiscal year.

ARR = Additional Required Revenue equal to the estimated annual change in the Applicable Costs that will affect the overall cost of providing water system services as determined by the city.

ER = The total actual revenues earned by the Enterprise System from the Applicable Rates for the potable water system as reported in the city for the most recently completed fiscal year.

(5) Determination of Pass-Through Rates. The Pass-Through Rates shall be determined based on the Pass-Through Factor applied uniformly to the Applicable Rates in effect and shall be rounded to the nearest cent. The Pass-through application shall be based on the following formula:

$$PTR = (AR)(1 + PTF)$$

Where:

PTR = The Pass-Through Rates that are to be placed in effect for the current fiscal year through application of the Pass-Through Factor.

AR = The Applicable Rates in effect immediately prior to the application of the Pass-Through Factor.

PTF = The Pass-Through Factor as determined by the city to recover the net change in Applicable Costs.

- (e) On all water supply service, each month shall be a complete period in itself, and no excess consumption of water during one month shall be charged ~~against the minimum service charge~~ or be added to the consumption of any other month.

(1) Exception. The provisions contained in this subsection (e) shall not apply to an owner or consumer of a single-family home that participates in the "budget billing" process of the utility billing system. The "budget billing" process allows owners or consumers to pay the same monthly amount for water and sewer consumption based on the average of the previous annual consumption history. If the variance in actual consumption becomes more than 50 percent of the annual consumption average, the budgeted amount would be recalculated or the budget billing would cease and regular billing would commence. To be eligible to use this "budget billing" feature, the owner and/or consumer would have to submit an application to the finance department for budget billing. After the approval of the finance department, the budget billing would commence and would only cease upon written request by the owner or consumer or the failure to pay the budget amount when the payment is due.

- (f) A monthly base facility charge as shown on Appendix A shall be billed to all privately owned fire-protection systems and equipment connected to the city water system in accordance with the size of the service line connecting the private system to the city's system. All costs of providing fire sprinkler service, including the service lateral, meter vault and detector check meter shall be the applicant's responsibility. If any consumer shall connect any appurtenance other than sprinkler heads to a fire service line, that consumer shall pay all connection-related charges set out in this section and the monthly water service charges identified in this section regarding service to customers delineated under the general service designation.

- (g) Upon the application of the owner or consumer for water service on the premises to which there has not been made any previous service for water, the tapping charges as specified in appendix A shall be made to cover the cost of the tap and the installation of the service to the property line of the lot to be supplied with water service.

- (he) Every owner or consumer making an application for water service shall be required to make a deposit with the public works department called a guarantee of payment deposit. The amount of such deposit shall be according to the size of the service, as specified in appendix A. If the owner or consumer making such deposit wishes the service to be discontinued, the guarantee of payment deposit shall be refunded less outstanding charges for water, sewer, stormwater or garbage and waste. If at any time the total service charges for a given account exceed the amount of the deposit, the city reserves the right to demand an additional deposit up to four times the amount of any previous monthly bill on that service.

- (if) A request by the owner or consumer to have the water meter re-read for validation of the correctness of a meter reading will result in a fee in accordance with the schedule set forth in appendix A. This fee will be charged only if the re-read validates the accuracy of the reading in question.

- (ig) A request by the owner or consumer to have a special water meter read at a time other than a normally scheduled read date as set by the utility will result in a fee in accordance with the schedule set forth in appendix A.

- (k) Meter/meter equipment and City of Miami Beach utility property servicing a premises found damaged, destroyed or missing will be charged to the owner or consumer in accordance with the schedule set forth in appendix A.
- (l) A request by the owner or consumer to have a field visit by a technician. This fee will be charged only if the technician finds that the problem/issue is not that of the utility.

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**Sec. 110-168. – Schedule of monthly sanitary sewer user rates, service charge.**

- (a) There is hereby imposed, upon all premises within the city connected to or using the facilities of the city's sanitary sewer system, a monthly sanitary sewer service charge user rate. ~~Such sanitary sewer service charge shall be in an amount as specified in appendix A, which charge shall be prorated for each 100 gallons of increments of less than 1,000 gallons, as shown by the water bills rendered in accordance with this article. The sanitary sewer service charge shall be and become effective and binding on October 5, 1997. The amount of such sanitary sewer service charge shall be shown as a separate item on such water bills and shall be paid by the owner, tenant or occupant in possession of such premises at the same time and in the same manner as is provided in this article for the payment of water bills. All sanitary sewer rates shall be adjusted by the same percentage enacted by the Miami Dade Water and Sewer Department (WASD). For the purpose of irrigation, the customer may apply for an irrigation meter. Sanitary sewer charges will not be applied to consumption metered through irrigation meters. Every premise connected to or using the facilities of the city's sanitary sewer system shall be billed monthly user rates consisting of:~~

- (1) a base facility charge which serves as the monthly minimum service charge on each service installed, varying with and based upon the size of the meter installed in accordance with the rules of the public works department;
- (2) a sanitary sewer consumption charge; and
- (3) purchased sanitary sewer pass-through adjustment rate to recover the cost of purchased wastewater treatment and disposal services as billed by WASD.

The monthly sewer user rates charged for service shall be in accordance with the consumer applicability provisions and the corresponding schedule set in Appendix A as may be adjusted from time to time based on the provisions of the section.

- ~~(b) The billed sewer consumption shall be based on the metered water delivered to the consumer for which the monthly water user rates apply. The provisions of this section shall not be applicable to any water sold and delivered through separate meters measuring water delivered and consumed solely for swimming pools, lawn sprinkler systems, cooling towers or other purposes not requiring the use of sanitary sewer system facilities of the city. The provisions of this section shall not be applicable to any water sold and delivered through separate meters measuring water delivered and consumed solely for swimming pools, lawn sprinkler systems, cooling towers or other purposes not requiring the use of sanitary sewer system facilities of the city.~~

The monthly sanitary sewer user rates shall be charged to each consumer each month in accordance with the following applicability provisions;

(1) *Individual Metered Residential Service* – Applicable to all consumers that represent service to a residential dwelling unit that is individually metered for water service.

(2) *Master-metered Multifamily Residential Service* – Applicable to all sewer consumers that represent service to a residential dwelling units that is master-metered (more than one residential dwelling unit being served by the water meter measuring service to the premise) which would include, but not be limited to, condominiums, apartments, and duplexes.

(3) *Non-residential Service* – Applicable to all sewer customers that are not classified as individually metered residential service or master-metered residential service which primarily represents service to commercial, public authorities, and institutional customers.

(b) To the extent practical, all sanitary sewer service provided to a consumer shall be based on the metered water delivered to the premise, exclusive of water-only service which is separately metered by the city, and shall be billed the sewer consumption charge and the purchased sanitary sewer pass-through charge, which rate shall be prorated for each 100 gallons in the event of increments of less than 1,000 gallons for all consumers being billed for sanitary sewer service. With respect to the billing for sanitary sewer use, the sewer consumption rates and the purchased sanitary sewer pass-through rate as defined in this section may be added together for rate application or billing purposes on a consumers bill.

(c) *Pass-Through of Purchased Wholesale Sanitary Sewer Charges.* The Purchased Sanitary Sewer Pass-through Rate, which is applied to all sanitary sewer consumers being billed for sewer service, shall be increased or decreased by the city by applying a pass-through adjustment factor for any change in the rates charged to the city for wholesale wastewater treatment and disposal services purchased from WASD (the "Sanitary Sewer Pass-Through Adjustment") to the Purchased Sewer Pass-through Rate charged by the city.

(1) *Adjustment Schedule.* The implementation of the adjustment to the Purchased Sanitary Sewer Pass-Through Rate for any month that a change in wholesale sanitary sewer rates by WASD is effectuated ("Sewer Cost Recovery") shall occur without a public hearing. Sewer Cost Recovery shall be employed each time that WASD adjusts the average annual wholesale sanitary sewer rates that are billed to the city. Any adjustment to the Purchased Sanitary Sewer Pass-Through Rate based on the determination of the change in wholesale rates shall be implemented in the month immediately following the determination of the Purchased Sanitary Sewer Pass-Through Adjustment. The Purchased Sanitary Sewer Pass-Through Rate as shown on Appendix A and as may be further adjusted automatically in the future by the implementation of the provisions of this section and which are then in effect shall be increased or decreased by the city by applying a Purchased Sanitary Sewer Pass-through Adjustment established in accordance with this subsection to the then effective Purchased Sanitary Sewer Pass-Through Rate

prior to such application. Nothing herein shall preclude the city from making additional changes to the monthly sanitary sewer user rates for service.

(2) Applicability of Purchased Sanitary Sewer Rates. The Purchased Sanitary Sewer Pass-Through Rate shall be in addition to any sewer consumption rates for all retail and wholesale customers that are billed for wastewater treatment and disposal services by the city. The following are the customers that shall be subject to the application of the Purchased Sanitary Sewer Pass-through Rate and shall be subject to the pass-through for changes in the cost of purchased wastewater treatment and disposal services from WASD (the "Applicable Customers"):

(i) The retail water customer classes that are billed the sewer consumption charge referenced in this section.

(ii) All separate utilities or local governments that may receive wholesale sewer service provided by the city currently or in the future which is not considered as retail customers.

(3) Calculation of Purchased Sanitary Sewer Pass-Through Adjustment. The Purchased Sanitary Sewer Pass-Through Adjustment shall be calculated using the following formula:

$$PSPTA = ((IWWC - PWWC) * (1 / (1 - (DF+T+O))))$$

Where:

PSPTA = The Purchased Sanitary Sewer Pass-Through Adjustment to be used for Sewer Cost Recovery to determine the monetary adjustment in the Purchased Sanitary Sewer Pass-through Rate to be applied the Applicable Customers. The PSPTA represents the respective dollar increase or decrease to account for changes in average annual wholesale wastewater rates charged by WASD to the city that is added or subtracted, respectively to the Purchased Sanitary Sewer Pass-Through Rate.

IWSC = The increased average annual wholesale or purchased sanitary sewer rate charged by WASD expressed on a dollar per 1,000 gallons basis that became effective for the month immediately after the PWSC.

PWSC = The prior average annual wholesale or purchased sanitary sewer rate charged by WASD expressed on a dollar per 1,000 gallons basis immediately prior to the billing of the adjusted wholesale or purchased sewer rate by WASD.

DF = The fee paid to the Department of Environmental Resources Management (DERM) which is based on a percent of rate revenues billed by the city.

T = Any and all taxes or tax equivalents that may be paid by the sewer system that is based on revenues billed by the city, including any payment in lieu of tax imposed by the city on its sanitary sewer system.

O = Any and all charges that may be paid by the city on behalf of the sanitary sewer system that is based on revenues billed by the city, including any funding of renewals and replacement fund deposits that is determined as a percent of revenues billed.

(4) Determination of Purchased Sanitary Sewer Pass-Through Rate. The Purchased Sanitary Sewer Pass-Through Rate shall be determined based on the addition or subtraction of the Purchased Sanitary Sewer Pass-Through Adjustment to the rates in effect immediately preceding such adjustment and shall be rounded to the nearest cent. The Purchased Sanitary Sewer Pass-Through Adjustment application shall be based on the following formula:

$$APSTR = PSTR + PSPTA$$

Where:

APSTR = The Adjusted Purchased Sanitary Sewer Pass-Through Rate that is to be placed in effect after the application of the Purchased Sewer Pass-Through Adjustment to all Applicable Customers billed for wastewater service.

PSTR = The Purchased Sanitary Sewer Pass-Through Rate in effect immediately prior to the application of the PSPTA.

PSPTA = The Purchased Sanitary Sewer Pass-Through Adjustment as determined as a result of a change in wholesale wastewater rates as billed by WASD.

(5) An example of the calculation of the determination of the Purchased Sanitary Sewer Pass-Through Adjustment and the corresponding change to the Purchased Sanitary Sewer Pass-Through Rate is illustrated in the following table:

	<u>Line No.</u>	<u>Formula Reference</u>	<u>Amount</u>
<u>Prior Wholesale Purchased Sanitary Sewer Rate (\$/1,000 gallons)</u>	<u>1</u>	<u>PWSC</u>	<u>\$2.7879</u>
<u>Increased Wholesale Purchased Sanitary Sewer Rate (\$/1,000 gallons)</u>	<u>2</u>	<u>IWSC</u>	<u>\$2.9477</u>
<u>Percent Change in Wholesale Purchased Sanitary Sewer Rate</u>	<u>3=(2-1)/1</u>		<u>5.73%</u>
<u>Adjustments</u>			
<u>Department of Environmental Resources Management</u>	<u>4</u>	<u>DF</u>	<u>8.00%</u>
<u>Taxes and Tax Equivalents</u>	<u>5</u>	<u>T</u>	<u>0.00%</u>
<u>Other Adjustments</u>	<u>6</u>	<u>O</u>	<u>0.00%</u>
<u>Adjustment Factor = 1/(1-(D+T+O)) = 1/0.92</u>	<u>7</u>		<u>1.08696</u>
<u>Purchased Sewer Pass-Through Percent Adjustment</u>	<u>8=(3*7)</u>		<u>6.22%</u>
<u>Prior Purchased Sanitary Sewer Pass-Through Rate (\$/1,000 gallons)</u>	<u>9</u>	<u>PSTR</u>	<u>\$3.50</u>
<u>Purchased Sanitary Sewer Pass-Through Adjustment</u>	<u>10=9*8</u>	<u>PSPTA</u>	<u>\$0.22</u>
<u>Adjusted Purchased Sanitary Sewer Pass-Through Rate (\$/1,000 gallons)</u>	<u>11=9+10</u>	<u>APSTR</u>	<u>\$3.72</u>

(d) Pass-Through Adjustment Charges. The Applicable Rates as shown in Appendix A and as may be further adjusted automatically in the future by implementation of the provisions of this section and which are then in effect shall be increased or decreased by the city by applying a pass-through adjustment factor established in accordance with this subsection (the "Pass-Through Factor") to the Applicable Rates for increases or decreases in the Applicable Costs. All Applicable Rates so adjusted (the "Pass-Through Rates") shall be charged by the city's sanitary sewer system.

(1) Adjustment Schedule. The implementation of Pass-Through Rates for any month associated with a change in Applicable Costs ("Cost Recovery") shall be placed into effect automatically and shall occur without a public hearing. Nothing herein shall preclude the city from making additional changes to the monthly sanitary sewer user rates for service.

(2) Applicable Rates. The sewer base facility, sewer consumption charges, and Purchased Sewer Pass-through Rate referenced in subsection 110-167(a) shall be subject to Cost Recovery.

(3) Applicable Costs. Only the following cost categories qualify as Applicable Costs for Cost Recovery:

(i) All increases or decreases in the percentage charge of the Department of Environmental Resources Management.

(ii) All increases or decreases in the application of any tax or tax equivalents, including any payment in lieu of tax imposed by the city on its sanitary sewer system.

(iii) All other cost increases incurred by the sanitary sewer system as a result of any regulatory changes or requirements imposed by any regulatory agency having jurisdiction over the utility system operations (a "Regulator").

(4) Calculation of Pass-Through Factor. The Pass-Through Factor shall be calculated using the following formula:

$$\text{PTF} = \text{ARR} / \text{ER}$$

Where:

PTF = The Pass-Through Factor used for Cost Recovery to determine the monetary adjustment in the Applicable Rates. The PTF represents the estimated annual increase in the Applicable Costs, expressed as a percentage of the most recent historical revenues derived from the Applicable Rates for the most recently completed fiscal year.

ARR = Additional Required Revenue equal to the estimated annual change in the Applicable Costs that will affect the overall cost of providing sanitary sewer system services as determined by the city.

ER = The total actual revenues earned by the Enterprise System from the Applicable Rates for the sanitary sewer system as reported in the city for the most recently completed fiscal year.

(5) Determination of Pass-Through Rates. The Pass-Through Rates shall be determined based on the Pass-Through Factor applied uniformly to the Applicable Rates in effect and shall be rounded to the nearest cent. The Pass-through application shall be based on the following formula:

$$\text{PTR} = (\text{AR})(1 + \text{PTF})$$

Where:

PTR = The Pass-Through Rates that are to be placed in effect for the current fiscal year through application of the Pass-Through Factor.

AR = The Applicable Rates in effect immediately prior to the application of the Pass-Through Factor.

PTF = The Pass-Through Factor as determined by the city to recover the net change in Applicable Costs.

\* \* \*

## Sec. 110-171 Rate Indexing.

(a) Except as otherwise provided in this subsection, the monthly user rates established in subsections 110-167(a) for the water system and 110-168(a) for the sanitary sewer system (collectively, the "Applicable Rates") as shown on Attachment A and as may be further adjusted automatically in the future by implementation of the provisions of this section and which are then in effect shall be increased by the City each year by applying the price index factor established for that year in accordance with this subsection (the "Price Index Factor") to the then Applicable Rates to offset the effects of inflation on the cost of operating and maintaining the system. The Rate Index shall never be less than 0.0%. All Applicable Rates so adjusted (the "Indexed Rates") shall be implemented by the City.

(1) Adjustment Schedule. Each implementation of Indexed Rates ("Rate Indexing") shall be placed into effect automatically and shall occur without a public hearing. Rate Indexing shall not be employed more than once in any fiscal year. Any Indexed Rates based on the operating and maintenance expenses for the most recently completed fiscal year shall be implemented as of October 1<sup>st</sup> of the subsequent fiscal year. Nothing herein shall preclude the City from making additional changes to the water or wastewater rates for service.

(2) Applicable Rates. The water base facility charge and water consumption charges referenced in subsections 110-167(a) for the water system and sanitary sewer base facility charge and sanitary sewer consumption charges referenced in subsections 110-168(a) for the sanitary sewer system shall be subject to Rate Indexing. The purchased water pass-through rate and the purchased sanitary sewer pass-through rates as referenced in the respective subsections shall not be subject to Rate Indexing.

(3) Calculation of Price Index Factor. The Price Index Factor shall be determined based on the actual reported financial results as contained in the annual comprehensive annual financial report and the records for the most recently completed fiscal year preceding the determination of the Rate Index (the "Calculation Period"). By way of example, the Rate Index to be applied on October 1, 2017 would be based on the actual financial results for the twelve months ended September 30, 2016. The Price Index Factor shall be calculated using the following formula:

$$\text{PIF} = ([\text{OP} - (\text{PWE} + \text{PSE} + \text{PT})] * \text{EPI}) / [(\text{ER} - \text{PTR}) / * (1 / (1 - (\text{DF} + \text{T} + \text{O})))]$$

Where:

PIF = The Price Index Factor used for Rate Indexing to determine the monetary adjustment in the Applicable Rates. The PIF represents the estimated increase in operation and maintenance expenses during the Calculation Period that is subject to inflation, expressed as a percentage of Applicable Rates revenues earned during the Calculation Period. The amount of the Rate Index increase is a component of any additional revenue required by the Utility System to ensure compliance with the Bond Covenants and fiscal requirements of the utility system (the "Additional Required Revenue").

- OP = The total expenses, paid or accrued, for the operations, maintenance, and repair of the water and wastewater systems as reported in the comprehensive annual financial report and other financial records for the city for the Calculation Period after excluding: (a) allowances for depreciation and amortization expense; and (b) capitalized salaries and other overhead related to the city's Capital Improvement Program (CIP). Such total expenses as adjusted for the stated exclusions are hereinafter referred to as the "Operating Expenses".
- PWE = That component of the Operating Expenses (OP) that represent the cost of purchased water service from WASD for the Calculation Period, adjusted to include the fee paid to the Department of Environmental Resources Management (DERM) which is based on a percent of rate revenues billed by the city for this component of expense.
- PSE = That component of the Operating Expenses (OP) that represent the cost of purchased sanitary sewer service from WASD for the Calculation Period, adjusted to include the fee paid to the Department of Environmental Resources Management (DERM) which is based on a percent of rate revenues billed by the city for this component of expense.
- PT = The sum of all other components of the Operating Expenses (OP) for the Calculation Period for which increases in those components may be recovered separately as a pass-through adjustment pursuant to subsections 110-167(d) for the water system and 110-168(a) for the wastewater system.
- EPI = The Consumer Price Index – All Urban Consumers, Miami-Fort Lauderdale, as published by Bureau of Labor Statistics (the "Effective Price Index") as reported for the month of April of the current year compared to the index reported for the immediately preceding month of April. By way of example, the Effective Price Index published by Bureau of Labor Statistics – All Urban Consumers, Miami-Fort Lauderdale, as of April 2015 was 245.195 and as of April 2016 was 248.741 or a change of 1.446% which shall be applied to the applicable Operating Expenses reported for Fiscal Year 2015.
- ER = The total actual revenues earned by the Utility System from the Applicable Rates as reported in the comprehensive annual financial reports and other financial records for the Calculation Period.
- PTR = The total actual revenues earned by the Utility System during the Calculation Period from the application of i) the Purchased-Water Pass-Through Rate; ii) the Purchased-Wastewater Pass-Through Rate; and iii) any other expense that was categorized as a pass-through expense and separately evaluated.

(4) Price Index calculation example.

- (i) An example of the calculation of the Price Index Factor based on reported Fiscal Year 2015 information is illustrated in the following table:

	<u>Line No.</u>	<u>Formula Reference</u>	<u>Amount</u>
<u>Total Operating Expenses</u>	<u>1</u>	<u>OP</u>	\$56,906,238
<u>Less:</u>			
<u>Purchased Water Expenses</u>	<u>2</u>	<u>PWPTR</u>	\$14,258,442
<u>Purchased Wastewater Expenses</u>	<u>3</u>	<u>PSPTR</u>	20,865,353
<u>Other Pass-through Expenses</u>	<u>4</u>	<u>PT</u>	0
<u>Adjusted Operating Expenses</u>	<u>5=1-2-3-4</u>		\$21,782,443
<u>Effective Price Index</u>		<u>EPI</u>	
<u>April 2015 CPI Index</u>	<u>6</u>		245.195
<u>April 2016 CPI Index</u>	<u>7</u>		248.741
<u>Change in CPI Index</u>	<u>8=7-6</u>		3.546
<u>Annual Percent Change</u>	<u>9=8/6</u>		1.44%
<u>Additional Required Revenue (Numerator)</u>	<u>10=5*9</u>		\$313,667
<u>Actual Applicable Rate Revenues Earned</u>	<u>11</u>	<u>ER</u>	\$73,291,986
<u>Less:</u>		<u>PTR</u>	
<u>Purchased-Water Pass-Through Rate Revenue</u>	<u>12</u>		\$15,498,307
<u>Purchased-Sanitary Sewer Pass-Through Rate Revenue</u>	<u>13</u>		22,679,732
<u>Applicable-Rate Revenue (Denominator)</u>	<u>14=11-12-13</u>		\$35,113,974
<u>Price Index Factor before Adjustments</u>	<u>15=10/14</u>		0.89%
<u>Adjustments:</u>			
<u>Department of Environmental Resources Management</u>	<u>16</u>	<u>DF</u>	8.00%
<u>Taxes and Tax Equivalents</u>	<u>17</u>	<u>T</u>	0.00%
<u>Other Adjustments</u>	<u>18</u>	<u>O</u>	0.00%
<u>Adjustment Factor = 1/(1-(D+T+O)) = 1/0.92</u>	<u>19</u>		1.08696
<u>Price Index Adjustment</u>	<u>20=15*19</u>	<u>PIF</u>	0.97%

(ii) Determination of Indexed Rates. The Indexed Rates shall be determined based on the Price Index Factor applied uniformly to the Applicable Rates in effect and shall be rounded to the nearest cent. The determination shall be based on the following formula:

$$IR = (AR)(1 + PIF)$$

Where:

IR = The Indexed Applicable Rates that are to be placed in effect for the current fiscal year through application of the Price Index Factor.

AR = The Applicable Rates in effect immediately prior to the application of the Price Index Factor.

PIF = The Price Index Factor determined for the Calculation Period.

**SECTION 2.** That Chapter 110, "UTILITIES," Article IV "Fees, charges, rates and billing procedures," at APPENDIX A is hereby amended as follows:

\* \* \*

**APPENDIX A  
FEE SCHEDULE**

\* \* \*

	Article IV. Fees, Charges, Rates and Billing Procedures	
	Division 2. Rates, Fees and Charges	
110-166(a)	Minimum service charge:	

Size of Meter	Gallons of Water per Month	Minimum Monthly Service Charge (effective for billings on or after October 1, 2000)
¾"	5,000	\$11.05
1"	7,000	15.47
1½"	11,000	24.31
2"	17,000	37.57
3"	40,000	88.40
4"	80,000	176.80

<b>Size of Meter</b>	<b>Gallons of Water per Month</b>	<b>Minimum Monthly Service Charge (effective for billings on or after October 1, 2001)</b>
<b>¾"</b>	5,000	\$11.30
<b>1"</b>	7,000	15.82
<b>1½"</b>	11,000	24.86
<b>2"</b>	17,000	38.42
<b>3"</b>	40,000	90.40
<b>4"</b>	80,000	180.80
<b>6"</b>	120,000	271.20
<b>8"</b>	200,000	452.00
<b>Size of Meter</b>	<b>Gallons of Water per Month</b>	<b>Minimum Monthly Service Charge (effective for billings on or after October 1, 2002)</b>
<b>¾"</b>	5,000	\$11.55
<b>1"</b>	7,000	16.17
<b>1½"</b>	11,000	25.41
<b>2"</b>	17,000	39.27
<b>3"</b>	40,000	92.40
<b>4"</b>	80,000	184.80

6"	120,000	277.20
8"	200,000	462.00
<b>Size of Meter</b>	<b>Gallons of Water per Month</b>	<b>Minimum Monthly Service Charge (effective for billings on or after October 1, 2003)</b>
3/4"	5,000	\$11.88
1"	7,000	16.60
1 1/2"	11,000	26.04
2"	17,000	40.20
3"	40,000	94.48
4"	80,000	188.88
6"	120,000	283.28
8"	200,000	472.08
<b>Size of Meter</b>	<b>Gallons of Water per Month</b>	<b>Minimum Monthly Service Charge (effective for billings on or after October 1, 2004)</b>
3/4"	5,000	\$12.13
1"	7,000	16.95

1½"	11,000	26.59
2"	17,000	41.05
3"	40,000	96.48
4"	80,000	192.88
6"	120,000	289.28
8"	200,000	482.08
<b>Size of Meter</b>	<b>Gallons of Water per Month</b>	<b>Minimum Monthly Service Charge (effective for billings on or after October 1, 2005)</b>
¾"	5,000	\$12.38
1"	7,000	17.30
1½"	11,000	27.14
2"	17,000	41.90
3"	40,000	98.48
4"	80,000	196.88
6"	120,000	295.28
8"	200,000	492.08
<b>Size of Meter</b>	<b>Gallons of Water per Month</b>	<b>Minimum Monthly Service Charge (effective for billings on or after</b>

		October 1, 2006)
$\frac{3}{4}$ "	5,000	\$13.95
1"	7,000	19.53
1½"	11,000	30.69
2"	17,000	47.43
3"	40,000	111.60
4"	80,000	223.20
6"	120,000	334.80
8"	200,000	558.00
<b>Size of Meter</b>	<b>Gallons of Water per Month</b>	<b>Minimum Monthly Service Charge (effective for billings on or after October 1, 2007)</b>
$\frac{3}{4}$ "	5,000	\$16.15
1"	7,000	22.61
1.05"	11,000	35.53
2"	17,000	54.91
3"	40,000	129.20
4"	80,000	258.40
6"	120,000	387.60
8"	200,000	646.00
<b>Size of</b>	<b>Gallons of</b>	<b>Minimum</b>

<b>Meter</b>	<b>Water per Month</b>	<b>Monthly Service Charge (effective for billings on or after October 1, 2008)</b>
<b>¾"</b>	5,000	\$19.40
<b>1"</b>	7,000	27.16
<b>1.5"</b>	11,000	42.68
<b>2"</b>	17,000	65.96
<b>3"</b>	40,000	155.20
<b>4"</b>	80,000	310.40
<b>6"</b>	120,000	465.60
<b>8"</b>	200,000	776.00
<b>Size of Meter</b>	<b>Gallons of Water per Month</b>	<b>Minimum Monthly Service Charge (effective for billings on or after October 1, 2009)</b>
<b>¾"</b>	5,000	\$21.80
<b>1"</b>	7,000	30.52
<b>1.5"</b>	11,000	47.96
<b>2"</b>	17,000	74.12
<b>3"</b>	40,000	174.40
<b>4"</b>	80,000	348.80
<b>6"</b>	120,000	523.20

8"	200,000	872.00
<b>Size of Meter</b>	<b>Gallons of Water per Month</b>	<b>Minimum Monthly Service Charge (effective for billings on or after October 1, 2014)</b>
3/4"	5,000	\$22.15
1"	7,000	31.01
1.5"	11,000	48.73
2"	17,000	75.31
3"	40,000	177.20
4"	80,000	354.40
6"	120,000	531.60
8"	200,000	886.00

<i>Section this Code</i>	<i>Description</i>	<i>Amount</i>
110-166(b)	Water in excess of subsection 110-166(a), shall be as follows: \$2.21 per 1,000 gallons, effective with billings on or after October 1, 2000; \$2.26 per 1,000 gallons, effective with billings on or after October 1, 2001; \$2.31 per 1,000 gallons, effective with billings on or after October 1, 2002; \$2.44 per 1,000 gallons, effective with billings on or after October 1, 2003; \$2.49 per 1,000 gallons, effective with billings on or after October 1, 2004; and \$2.54 per 1,000 gallons, effective with billings on or after October 1, 2005; and \$2.79 per 1,000 gallons, effective with billings on or after October 1, 2006;	

	<p>\$3.23 per 1,000 gallons, effective with billings on or after October 1, 2007; \$3.88 per 1,000 gallons, effective with billings on or after October 1, 2008; and \$4.36 per 1,000 gallons, effective with billings on or after October 1, 2009; and \$4.43 per 1,000 gallons, effective with billings on or after October 1, 2014; and \$4.61 per 1,000 gallons, effective with billings on or after October 1, 2015.</p>	
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<b>110-166(a)(1)</b>	<b>Individual Metered Residential Service</b>	
	<b>Base Facility Charge (per meter size)</b>	<b>Rate</b>
	3/4-inch	\$7.82
	1-inch	8.16
	1-1/2-inch	8.96
	2-inch	9.76
	3-inch	10.24
	4-inch	11.80
	<b>Water Consumption Charge (per 1,000 gallons)</b>	
	0 to 8,000 Gallons	\$0.90
	8,001 to 16,000 Gallons	2.48
	16,001 to 24,000 Gallons	3.69
	Above 24,000 Gallons	5.04
	<b>Purchased Water Pass-Through Rate (per 1,000 gallons)</b>	
	All Water Use	\$1.93

<b>110-166(a)(2)</b>	<b>Master-Metered Multifamily Residential Service</b>	
	<b>Base Facility Charge (per meter size)</b>	<b>Rate</b>
	3/4-inch	\$7.82
	1-inch	16.88
	1-1/2-inch	32.20
	2-inch	50.43
	3-inch	97.39
	4-inch	151.24
	6-inch	302.99
	8-inch	478.48
	10-inch	686.84
	12-inch	1,269.69
	<b>Water Consumption Charge (per 1,000 gallons) [*]</b>	
	Block 1	\$1.58
	Block 2	2.70
	Block 3	3.60

	<b>Purchased Water Pass-Through Rate (per 1,000 gallons)</b>																																																	
	<u>All Water Use</u>	<b>\$1.93</b>																																																
	<b>[*] Usage blocks by meter size:</b>																																																	
	<table><tr><td></td><td><u>Block 1</u></td><td><u>Block 2</u></td><td><u>Block 3</u></td></tr><tr><td><u>Size of Meter</u></td><td><u>(gallons)</u></td><td><u>(gallons)</u></td><td><u>(gallons)</u></td></tr><tr><td><u>3/4-Inch</u></td><td><u>0 to 16,000</u></td><td><u>16,001 to 32,000</u></td><td><u>Over 32,000</u></td></tr><tr><td><u>1-Inch</u></td><td><u>0 to 40,000</u></td><td><u>40,001 to 80,000</u></td><td><u>Over 80,000</u></td></tr><tr><td><u>1.5-Inch</u></td><td><u>0 to 80,000</u></td><td><u>80,001 to 160,000</u></td><td><u>Over 160,000</u></td></tr><tr><td><u>2-Inch</u></td><td><u>0 to 128,000</u></td><td><u>128,001 to 256,000</u></td><td><u>Over 256,000</u></td></tr><tr><td><u>3-Inch</u></td><td><u>0 to 256,000</u></td><td><u>256,001 to 512,000</u></td><td><u>Over 512,000</u></td></tr><tr><td><u>4-Inch</u></td><td><u>0 to 400,000</u></td><td><u>400,001 to 800,000</u></td><td><u>Over 800,000</u></td></tr><tr><td><u>6-Inch</u></td><td><u>0 to 800,000</u></td><td><u>800,001 to 1,600,000</u></td><td><u>Over 1,600,000</u></td></tr><tr><td><u>8-Inch</u></td><td><u>0 to 1,280,000</u></td><td><u>1,280,001 to 2,560,000</u></td><td><u>Over 2,560,000</u></td></tr><tr><td><u>10-Inch</u></td><td><u>0 to 1,840,000</u></td><td><u>1,840,001 to 3,680,000</u></td><td><u>Over 3,680,000</u></td></tr><tr><td><u>12-Inch</u></td><td><u>0 to 3,440,000</u></td><td><u>3,440,001 to 6,880,000</u></td><td><u>Over 6,880,000</u></td></tr></table>		<u>Block 1</u>	<u>Block 2</u>	<u>Block 3</u>	<u>Size of Meter</u>	<u>(gallons)</u>	<u>(gallons)</u>	<u>(gallons)</u>	<u>3/4-Inch</u>	<u>0 to 16,000</u>	<u>16,001 to 32,000</u>	<u>Over 32,000</u>	<u>1-Inch</u>	<u>0 to 40,000</u>	<u>40,001 to 80,000</u>	<u>Over 80,000</u>	<u>1.5-Inch</u>	<u>0 to 80,000</u>	<u>80,001 to 160,000</u>	<u>Over 160,000</u>	<u>2-Inch</u>	<u>0 to 128,000</u>	<u>128,001 to 256,000</u>	<u>Over 256,000</u>	<u>3-Inch</u>	<u>0 to 256,000</u>	<u>256,001 to 512,000</u>	<u>Over 512,000</u>	<u>4-Inch</u>	<u>0 to 400,000</u>	<u>400,001 to 800,000</u>	<u>Over 800,000</u>	<u>6-Inch</u>	<u>0 to 800,000</u>	<u>800,001 to 1,600,000</u>	<u>Over 1,600,000</u>	<u>8-Inch</u>	<u>0 to 1,280,000</u>	<u>1,280,001 to 2,560,000</u>	<u>Over 2,560,000</u>	<u>10-Inch</u>	<u>0 to 1,840,000</u>	<u>1,840,001 to 3,680,000</u>	<u>Over 3,680,000</u>	<u>12-Inch</u>	<u>0 to 3,440,000</u>	<u>3,440,001 to 6,880,000</u>	<u>Over 6,880,000</u>	
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<b>110-166(a)(3)</b>	<b>Non-Residential Service</b>			
	<b><u>Base Facility Charge (per meter size)</u></b>	<b><u>Rate</u></b>		
	<u>3/4-inch</u>	<u>\$7.82</u>		
	<u>1-inch</u>	<u>16.88</u>		
	<u>1-1/2-inch</u>	<u>32.20</u>		
	<u>2-inch</u>	<u>50.43</u>		
	<u>3-inch</u>	<u>97.39</u>		
	<u>4-inch</u>	<u>151.24</u>		
	<u>6-inch</u>	<u>302.99</u>		
	<u>8-inch</u>	<u>478.48</u>		
	<u>10-inch</u>	<u>686.84</u>		
	<u>12-inch</u>	<u>1,269.69</u>		
	<b><u>Water Consumption Charge (per 1,000 gallons) [*]</u></b>			
	<u>Block 1</u>	<u>\$1.58</u>		
	<u>Block 2</u>	<u>2.70</u>		
	<u>Block 3</u>	<u>3.60</u>		
	<b><u>Purchased Water Pass-Through Rate (per 1,000 gallons)</u></b>			
	<u>All Water Use</u>	<u>\$1.93</u>		
	<b><u>[*] Usage blocks by meter size:</u></b>			
	<u>Size of Meter</u>	<u>Block 1 (gallons)</u>	<u>Block 2 (gallons)</u>	<u>Block 3 (gallons)</u>
	<u>3/4-Inch</u>	<u>0 to 16,000</u>	<u>16,001 to 32,000</u>	<u>Over 32,000</u>
	<u>1-Inch</u>	<u>0 to 40,000</u>	<u>40,001 to 80,000</u>	<u>Over 80,000</u>
	<u>1.5-Inch</u>	<u>0 to 80,000</u>	<u>80,001 to 160,000</u>	<u>Over 160,000</u>
	<u>2-Inch</u>	<u>0 to 128,000</u>	<u>128,001 to 256,000</u>	<u>Over 256,000</u>
	<u>3-Inch</u>	<u>0 to 256,000</u>	<u>256,001 to 512,000</u>	<u>Over 512,000</u>
	<u>4-Inch</u>	<u>0 to 400,000</u>	<u>400,001 to 800,000</u>	<u>Over 800,000</u>
	<u>6-Inch</u>	<u>0 to 800,000</u>	<u>800,001 to 1,600,000</u>	<u>Over 1,600,000</u>
	<u>8-Inch</u>	<u>0 to 1,280,000</u>	<u>1,280,001 to 2,560,000</u>	<u>Over 2,560,000</u>
	<u>10-Inch</u>	<u>0 to 1,840,000</u>	<u>1,840,001 to 3,680,000</u>	<u>Over 3,680,000</u>
	<u>12-Inch</u>	<u>0 to 3,440,000</u>	<u>3,440,001 to 6,880,000</u>	<u>Over 6,880,000</u>

<b>110-166(a)(4)</b>	<b>Individual Metered Residential Irrigation Service</b>	
	<b>Base Facility Charge (per meter size)</b>	<b>Rate</b>
	3/4-inch	\$7.82
	1-inch	8.16
	1-1/2-inch	8.96
	2-inch	9.76
	3-inch	10.24
	4-inch	11.80
	<b>Water Consumption Charge (per 1,000 gallons)</b>	
	0 to 16,000 Gallons	\$2.47
	Above 16,000 Gallons	5.04
	<b>Purchased Water Pass-Through Rate (per 1,000 gallons)</b>	
	All Water Use	\$1.93

<b>110-166(a)(5)</b>	<b>Master-Metered Multifamily Residential Irrigation Service</b>	
	<b><u>Base Facility Charge (per meter size)</u></b>	<b><u>Rate</u></b>
	<u>3/4-inch</u>	<u>\$7.82</u>
	<u>1-inch</u>	<u>16.88</u>
	<u>1-1/2-inch</u>	<u>32.20</u>
	<u>2-inch</u>	<u>50.43</u>
	<u>3-inch</u>	<u>97.39</u>
	<u>4-inch</u>	<u>151.24</u>
	<u>6-inch</u>	<u>302.99</u>
	<u>8-inch</u>	<u>478.48</u>
	<u>10-inch</u>	<u>686.84</u>
	<u>12-inch</u>	<u>1,269.69</u>
	<b><u>Water Consumption Charge (per 1,000 gallons) [*]</u></b>	
	<u>Block 1</u>	<u>\$2.47</u>
	<u>Block 2</u>	<u>5.04</u>
	<b><u>Purchased Water Pass-Through Rate (per 1,000 gallons)</u></b>	
	<u>All Water Use</u>	<u>\$1.93</u>
	<b><u>[*] Usage blocks by meter size:</u></b>	
	<u>Size of Meter</u>	<u>Block 1 (gallons)</u>
	<u>3/4-Inch</u>	<u>0 to 32,000</u>
	<u>1-Inch</u>	<u>0 to 80,000</u>
	<u>1.5-Inch</u>	<u>0 to 160,000</u>
	<u>2-Inch</u>	<u>0 to 256,000</u>
	<u>3-Inch</u>	<u>0 to 512,000</u>
	<u>4-Inch</u>	<u>0 to 800,000</u>
	<u>6-Inch</u>	<u>0 to 1,600,000</u>
	<u>8-Inch</u>	<u>0 to 2,560,000</u>
	<u>10-Inch</u>	<u>0 to 3,680,000</u>
		<u>Block 2 (gallons)</u>
		<u>Over 32,000</u>
		<u>Over 80,000</u>
		<u>Over 160,000</u>
		<u>Over 256,000</u>
		<u>Over 512,000</u>
		<u>Over 800,000</u>
		<u>Over 1,600,000</u>
		<u>Over 2,560,000</u>
		<u>Over 3,680,000</u>

	12-Inch	0 to 6,880,000	Over 6,880,000
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<b>110-166(a)(6)</b>	<b>Non-Residential Irrigation Service</b>		
	<b>Base Facility Charge (per meter size)</b>	<b>Rate</b>	
	3/4-inch	\$7.82	
	1-inch	16.88	
	1-1/2-inch	32.20	
	2-inch	50.43	
	3-inch	97.39	
	4-inch	151.24	
	6-inch	302.99	
	8-inch	478.48	
	10-inch	686.84	
	12-inch	1,269.69	
	<b>Water Consumption Charge (per 1,000 gallons) [*]</b>		
	Block 1	\$2.47	
	Block 2	5.04	
	<b>Purchased Water Pass-Through Rate (per 1,000 gallons)</b>		
	All Water Use	\$1.93	
	[*] Usage blocks by meter size:		
	<u>Size of Meter</u>	<u>Block 1 (gallons)</u>	<u>Block 2 (gallons)</u>
	3/4-Inch	0 to 32,000	Over 32,000
	1-Inch	0 to 80,000	Over 80,000
	1.5-Inch	0 to 160,000	Over 160,000
	2-Inch	0 to 256,000	Over 256,000
	3-Inch	0 to 512,000	Over 512,000
	4-Inch	0 to 800,000	Over 800,000
	6-Inch	0 to 1,600,000	Over 1,600,000
	8-Inch	0 to 2,560,000	Over 2,560,000
	10-Inch	0 to 3,680,000	Over 3,680,000
	12-Inch	0 to 6,880,000	Over 6,880,000

<b>110-166(f)</b>	<b>Fire sprinkler system</b>	<b>Rate</b>
	Base Facility Charge (per meter size)	
	2-inch	\$9.34
	3-inch	17.18
	4-inch	26.00
	6-inch	50.50
	8-inch	79.90
	10-inch	114.20

<b>110-166(g)</b>	<b>Tapping fee, per size of tap in inches:</b>	<b>Rate</b>
	3/4-inch	4,726.00
	1-inch	4,665.00

	<u>1½ -inch</u>	5,106.00
	<u>2-inch</u>	5,116.00
	<u>3-inch</u>	5,627.00
	<u>4-inch</u>	6,189.00
	<u>6-inch</u>	6,808.00

<b>110-166(h)</b>	<b>Guarantee of payment deposit, per service in inches:</b>	
	$\frac{3}{4}$ .....	40.00
	1 .....	50.00
	1½ .....	60.00
	2 .....	100.00
	3 .....	500.00
	4 .....	600.00
	6 .....	1,000.00
	8 .....	1,500.00
<b>110-166(i)</b>	<b>Re-read fee (Charged if meter found to be working properly)</b>	<b>25.00</b>
<b>110-166(j)</b>	<b>Special read fee</b>	<b>25.00</b>
<b>110-166(k)</b>	<b>Servicing a meter found damaged, destroyed or missing will require actual replacement cost plus all costs associated with replacement of meter</b>	<b>Actual costs</b>
<b>110-166(l)</b>	<b>Field visit fee:</b>	
	Normal business hours	25.00
	After normal business hours	50.00

110-168(a)	Sanitary sewer service charge, shall be as follows: <del>\$3.73 per 1,000 gallons, effective with billings on or after October 1, 2000; \$3.81 per 1,000 gallons, effective with billings on or after October 1, 2001; \$3.90 per 1,000 gallons, effective with billings on or after October 1, 2002; \$4.03 per 1,000 gallons, effective with billings on or after October 1, 2003; \$4.12 per 1,000 gallons, effective with billings on or after October 1, 2004; and \$4.21 per 1,000 gallons, effective with billings on or after October 1, 2005; and \$4.25 per 1,000 gallons, effective with billings on or after October 1, 2006; \$4.93 per 1,000 gallons, effective with billings on or after October 1, 2007; \$5.62 per 1,000 gallons, effective with billings on or after October 1, 2008; and \$6.04 per 1,000 gallons, effective with billings on or after October 1, 2009; and \$6.34 per 1,000 gallons, effective with billings on or after October 1, 2013; and \$7.55 per 1,000 gallons, effective with billing on or after October 1, 2014; and \$8.23 per 1,000 gallons effective with billing on or after October 1, 2015</del>	
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<b>110-168(a)(1)</b>	<b>Individual Metered Residential Service</b>	
	<b><u>Base Facility Charge (all meter sizes)</u></b>	<b><u>Rate</u></b>
	<u>All Meter Sizes</u>	<u>\$8.45</u>
	<b><u>Sewer Consumption Charge (per 1,000 gallons)</u></b>	
	<u>All Gallons (based on metered water consumption)</u>	<u>\$4.26</u>
	<b><u>Purchased Sanitary Sewer Pass-Through Rate (per 1,000 gallons)</u></b>	
	<u>All Gallons (based on metered water consumption)</u>	<u>\$4.76</u>

<b>110-168(a)(2)</b>	<b>Master-Metered Multifamily Residential Service</b>	
	<b><u>Base Facility Charge (per meter size)</u></b>	<b><u>Rate</u></b>
	<u>3/4-inch</u>	<u>\$8.45</u>
	<u>1-inch</u>	<u>18.88</u>
	<u>1-1/2-inch</u>	<u>36.25</u>
	<u>2-inch</u>	<u>57.10</u>

	3-inch	112.70
	4-inch	175.25
	6-inch	349.00
	8-inch	557.50
	10-inch	800.75
	12-inch	1,495.75
	<b><u>Sewer Consumption Charge (per 1,000 gallons)</u></b>	
	All Gallons (based on metered water consumption)	\$4.26
	<b><u>Purchased Sanitary Sewer Pass-Through Rate (per 1,000 gallons)</u></b>	
	All Gallons (based on metered water consumption)	\$4.76

<b>110-168(a)(3)</b>	<b><u>Non-Residential Service</u></b>	
	<b><u>Base Facility Charge (per meter size)</u></b>	<b><u>Rate</u></b>
	3/4-inch	\$8.45
	1-inch	18.88
	1-1/2-inch	36.25
	2-inch	57.10
	3-inch	112.70
	4-inch	175.25
	6-inch	349.00
	8-inch	557.50
	10-inch	800.75
	12-inch	1,495.75
	<b><u>Sewer Consumption Charge (per 1,000 gallons)</u></b>	
	All Gallons (based on metered water consumption)	\$4.26
	<b><u>Purchased Sanitary Sewer Pass-Through Rate (per 1,000 gallons)</u></b>	
	All Gallons (based on metered water consumption)	\$4.76

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### **SECTION 3. REPEALER**

All ordinances or parts of ordinances and all section and parts of sections in conflict herewith be and the same are hereby repealed.

### **SECTION 4. CODIFICATION**

It is the intention of the City Commission, and it is hereby ordained that the provisions of this ordinance shall become and be made part of the Code of the City of Miami Beach as

amended; that the sections of this ordinance may be renumbered or relettered to accomplish such intention; and that the word "ordinance" may be changed to "section" or other appropriate word.

**SECTION 5. SEVERABILITY**

If any section, subsection, clause or provision of this Ordinance is held invalid, the remainder shall not be affected by such invalidity.

**SECTION 6. EFFECTIVE DATE**

This Ordinance shall take effect ten days following adoption.

**PASSED** and **ADOPTED** this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
Mayor Philip Levine

**ATTEST:**

\_\_\_\_\_  
City Clerk Rafael Granado

Underline denotes new language  
~~Strikethrough~~ denotes deleted language

APPROVED AS TO  
FORM & LANGUAGE  
& FOR EXECUTION

*Rafael Granado*  
\_\_\_\_\_  
City Attorney

*9/6/16*  
\_\_\_\_\_  
Date