

RESOLUTION NO. _____

Date Passed: April 11, 2016

**ESTABLISHING CITY OF ROCHELLE WATER RECLAMATION RATES,
EFFECTIVE May 1, 2016**

WHEREAS, the City of Rochelle is a body politic and corporate, organized and existing pursuant to the Illinois Municipal Code, 65 ILCS 5/1-1-1, et. seq.; and

WHEREAS, the City provides utility services, including electric, water, sewer, wastewater treatment and advanced communications to the greater Rochelle community through the Utility Department, which is commonly referred to as Rochelle Municipal Utilities (RMU); and

WHEREAS, Section 98-4 of the Rochelle Municipal Code provides that charges and rates for utility services provided by the utility department, including water reclamation, shall be established and modified from time to time by City Council resolution; and

WHEREAS, RMU last caused a Water Reclamation Rate Study to be completed in 2014, and based on the recommendations in that Rate Study water reclamation rates were lowered effective May 1, 2014; and

WHEREAS, since the Water Reclamation Rate Study was conducted, there has been a significant change in the costs of providing Water Reclamation services due to an increase in the cost of labor and electricity; and

WHEREAS, the City Council finds that an increase in water reclamation rates is warranted due to the increased labor and electricity costs of maintaining the water reclamation system, and that the appropriate rates are contained in the Rochelle Municipal Utilities, City of Rochelle Water Reclamation Rates schedules attached hereto as Exhibit A;

NOW, THEREFORE BE IT RESOLVED by the Mayor and Council of the City of Rochelle as follows:

1. The Rochelle Municipal Utilities, City of Rochelle Water Reclamation Rates schedules attached hereto as Exhibit A and made a part hereof are hereby approved, effective May 1, 2016.

2. The City Manager is authorized to set a fee for water reclamation-related services not specifically listed in the water reclamation rate schedules referenced in the above paragraph.

[SIGNATURES ON FOLLOWING PAGE]

PASSED AND APPROVED this 11th day of April, 2016.

ATTEST:

City Clerk

Mayor

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sewer\cityrmu.resolutionwaterreclamationratesMar2016.docx

EXHIBIT A
(Water Reclamation Rate Schedule)

PRICE SCHEDULE OF UTILITY CHARGES AND RATES
FOR SANITARY SEWERAGE AND WASTEWATER TREATMENT
(EFFECTIVE MAY 1, 2016)

Pursuant to Section 98-4 of the Rochelle Municipal Code, this Price Schedule provides user charges and rates for sanitary sewerage and wastewater treatment and replaces and supersedes those charges and rates previously established.

SECTION 1: Residential, Commercial and Minor Industrial

A. Residential, commercial, and minor industrial sewage which is primarily domestic in nature shall be charged the following rates:

2016:

<u>Rate Component</u>	<u>Residential, Commercial, Minor Industrial Customers</u>
Fixed Charge	
Water Meter Only	\$8.05 per month
Water and Sewer Meter	\$80.10 per month
Basic User Rate	\$2.44 per 100 Cubic Feet (748 Gallons)
IEPA Replacement	\$0.15 per 100 Cubic Feet (748 Gallons)
Non-Debt Funded Projects	\$0.81 per 100 Cubic Feet (748 Gallons)
Capital Recovery	\$0.66 per 100 Cubic Feet (748 Gallons)
TOTAL:	\$4.06 per 100 Cubic Feet (748 Gallons)

B. All wastewater discharged into the city sewerage system shall comply with Chapter 98, Article IV (Sewers and Sewage Disposal) of the Rochelle Municipal Code. Residential, commercial, and minor industrial customers with wastewater characteristics which exceed domestic sewage characteristics shall be charged an additional surcharge rate in accordance with Section 3 below.

C. If sewage is shown to be other than characteristic of normal domestic sewage, it shall be subject to the charges associated for the entire group and as stated in this Price Schedule.

D. Residential Summer Sewer Rates. For the purpose of calculating sewer charges for Residential Class Water customers during the summer months, not more than 125% of the Customer's Basic Cubic Feet usage shall be used to calculate the volume sewer charge for monthly billing in July, August, September and October. For the purposes hereof a Customer's Base Cubic Feet Usage shall be the cubic feet of water use

during the monthly billing period with an ending meter reading date on or after June 1 of the billing year. If there is no cubic feet usage during the base period, the customer base will be 600 cubic feet.

SECTION 2: Major Industrial Customers

A. Major industrial customers (MIC) are those customers that discharge, on average more than 200,000 gallons of process wastewater per day, to the City’s anaerobic lagoon. A MIC must discharge at least 6,000,000 gallons (802,139 cubic feet) of wastewater per month for eleven out of twelve months.

<u>2016</u>	<u>MIC Category I</u>
Fixed Charge	\$80.10/month
Basic User Rate	\$2.54/per 100 Cubic Feet
IEPA Replacement	\$0.43/per 100 Cubic Feet
Non-debt Projects	\$0.58/per 100 Cubic Feet
Capital Recovery	\$0.00/per 100 Cubic Feet
TOTAL:	\$3.55/per 100 Cubic Feet

B. The City of Rochelle at its discretion may agree to enter into a separate contract for wastewater pretreatment and/or treatment with a MIC. Any contract entered into shall be based on the cost of wastewater treatment, capital recovery, and associated costs of the total wastewater plant and system. If no contract is entered into, the MIC customer shall be charged in accordance with this Price Schedule.

SECTION 3: Village of Creston

A. Rochelle Municipal Utilities provides wastewater treatment for the Village of Creston per the agreement between the City of Rochelle and the Village of Creston.

B. The volume of billed wastewater is recorded by a sanitary sewer flow meter on the sanitary forcemain line that connects the Village of Creston sanitary sewer system to the Rochelle Municipal Utilities sanitary sewer system.

C. The rates of charge for the Village of Creston is as follows:

<u>2016</u>	<u>Village of Creston</u>
Fixed Charge	\$80.10/month
Basic User Rate	\$1.99/per 100 Cubic Feet
IEPA Replacement	\$0.26/per 100 Cubic Feet
Non-debt Projects	\$0.00/per 100 Cubic Feet
Capital Recovery	\$0.00/per 100 Cubic Feet
TOTAL:	\$2.25/per 100 Cubic Feet

SECTION 4: Surcharges

A. A surcharge shall be charged to those users who discharge wastewater into the treatment facilities with pollutant concentrations in excess of 250 mg/l of Biochemical Oxygen Demand (BOD) and 300 mg/l of Total Suspended Solids (TSS).

B. The rates of surcharge for BOD, TSS and Ammonia shall be as follows:

BOD:	\$0.17/lb
TSS:	\$0.25/lb
Ammonia:	\$0.78/lb

C. Computation of Surcharge: The concentration of wastes used for computing surcharges shall be established by waste sampling. Waste sampling shall be performed as often as may be deemed necessary by the City and shall be binding as a basis for surcharges.

BOD: $\text{Flow (MGD)} \times B \times 8.34 \times BC = CS$
 where $B = \text{BOD concentration} - 250 \text{ mg/l}$
 $BC = \$0.17/\text{lb BOD}$
 $CS = \text{Amount of Surcharge}$

TSS: $\text{Flow (MGD)} \times S \times 8.34 \times SC = CS$
 where $S = \text{TSS concentration} - 300 \text{ mg/l}$
 $SC = \$0.25/\text{lb Suspended Solids}$
 $CS = \text{Amount of Surcharge}$

Ammonia: $\text{Flow (MGD)} \times A \times 8.34 \times AC = CA$
 where $A = \text{Ammonia concentration} - 35 \text{ mg/l}$
 $AC = \$0.78/\text{lb Ammonia}$
 $CA = \text{Amount of Surcharge}$

SECTION 5: Sewer Connection Charge: The sewer connection charge is based on population equivalents (PE) as stated by the Illinois Recommended Standards for Sewage Works.

A. Residential	PE	Charge
Single family dwelling	3.5	\$700
Apartments or multifamily dwelling		
Efficiency or Studio	1.0	\$200
1 bedroom	1.5	\$300
2 bedrooms	3.0	\$600
3 bedrooms	3.0	\$600

B. Commercial

Based on PE from IEPA connection permit at rate of \$200 per PE, but not less than the single family dwelling charge in effect.

C. Industrial

Based on flow and PE from IEPA connection permit at rate of \$200 per PE, but not less than the single family dwelling charge in effect. Charges for flow will be based on impacts the industry has to system.

D. In the event a commercial or industrial customer is granted an increase in their Illinois Environmental Protection Agency (IEPA) approved PE then they shall pay a connection fee equal to the amount of the increased PE.

E. The City Council may grant an exemption of all or a portion of the sewer connection charge to units of government.

F. Existing commercial or industrial customers which construct new connections to the City's sewer system would receive a credit in an amount equal to the projected PE reduction from their previous sewer connection.