

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application for Original Certificate of) DOCKET NO. 20190168-WS
Authorization and Initial Rates and Charges)
for Water and Wastewater Service in Duval,) FILED:
Baker and Nassau Counties, Florida by)
FIRST COAST REGIONAL UTILITIES,)
INC.)
_____)

NOTICE OF FILING

JEA, by and through its undersigned attorneys, hereby gives notice of filing its Prefiled
Direct Testimony of Julia Crawford in the above-referenced docket.

Respectfully submitted this 26th day of June, 2020.

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CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished via electronic mail
to the following this 26th day of June, 2020.

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**DIRECT TESTIMONY OF
JULIA E. CRAWFORD
ON BEHALF OF JEA**

1 **Q. Please state your name and current employment.**

2 A. My name is Julia Crawford. I am currently employed by JEA as its Director of
3 Financial Planning and Analysis, a position I have held since April, 2018.

4
5 **Q. Please describe your educational background and professional experience.**

6 A. In 2005, I graduated from the University of Florida with a Bachelor of Science degree
7 in Business Administration, with a major in Finance, and have spent the majority of my
8 career in utility finance. I have been employed by JEA since July 2008 holding a series of
9 positions with increased responsibility. I started with JEA as a Risk Analyst then was
10 subsequently promoted to Rate Analyst, then to Financial Analyst for Financial Planning and
11 Rates, then to Financial Analysis Specialist for Planning and Rates, then to Manager of
12 Financial Planning and Rates and finally to my current position as Director of Financial
13 Planning and Analysis. My curriculum vitae is attached as Exhibit JEC-1.

14
15 **Q. What are your responsibilities at JEA?**

16 A. At JEA, I influence strategic and operational financial decisions related to the entire
17 organization by providing analyses, reports, presentations and recommendations to be
18 considered by the CFO, CEO, JEA Board and Jacksonville City Council. The financial
19 analysis encompasses JEA's several hundred-million dollar annual operating budget,
20 significant annual capital budget and the comprehensive ten-year financial model and plan.

21
22 **Q. What is the purpose of your testimony?**

23 A. The purpose of my testimony is to compare the rates and charges for water and
24 wastewater service as proposed by First Coast Regional Utilities ("First Coast") in its
25 Application to JEA's current rates and charges.

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Q. Are you sponsoring any exhibits?

A. Yes. I sponsor the following exhibits:

- JEC-1 Curriculum Vitae Of Julia E. Crawford
- JEC-2 Table Comparing the Proposed Rates and Charges of the Applicant to those of JEA
- JEC-3 JEA Water and Sewer Rate Document
- JEC-4 JEA and Other Municipal Water and Sewer Rates in Florida Compared to the Applicant's Proposed Rates

Q. Please summarize your testimony.

A. First Coast's proposed rates are more than double those of JEA and its proposed service availability charges are more than triple those of JEA. Assuming a reasonable usage of 6,000 gallons per month, a residential customer in the development if served by First Coast would pay \$204.88 per month for water and sewer, as compared to either \$66.36 per month (5/8" meter) or \$79.71 per month (3/4" meter) with JEA, all before taxes. Attached as Exhibit JEC-2 is a table comparing the rates and charges of First Coast and JEA and showing the details of the calculations.

Service availability charges for a residential customer as proposed by First Coast would be \$9,993.00, as compared to \$3,308.50 through JEA. First Coast would be one of the most, if not the most, expensive provider of water and wastewater service in Florida.

Q. For purposes of comparing JEA's and First Coast's monthly charges, what monthly usage amount did you select and why?

A. I selected 6,000 gallons per month as this is the benchmark amount JEA uses for

1 affordability comparisons. In fiscal year 2019, JEA residential water customers used
2 approximately 5.1 kgals per month on average.

3

4 **Q. Based on 6,000 gallons a month, what would a residential customer pay First**
5 **Coast for water and wastewater service?**

6 A. A residential customer's monthly bill for water and sewer service through First Coast
7 would be \$204.88 before taxes.

8

9 **Q. How did you calculate the \$204.88 monthly water and sewer bill from First**
10 **Coast?**

11 A. By calculating a monthly water bill and a monthly sewer bill, and then adding those
12 together. As to the water component, First Coast's proposed residential water tariff is
13 Exhibit I to its Application, Water Tariff Sheet 13.0 (page 163 of 236 in the Application PDF
14 file). It shows a base facility charge of \$41.05 and a volume charge per thousand gallons of
15 \$1.55 (0-3,000 gallons) and \$2.33 (3,001-10,000 gallons). Assuming a monthly usage of
16 6,000 gallons leads to a volume charge of \$11.64 (3,000 gallons * \$1.55/thousand gallons
17 plus 3,000 gallons * \$2.33/thousand gallons). Adding the \$11.64 volume charge to the base
18 facility charge of \$41.05 equals a monthly water bill of \$52.69 before taxes.

19 For the sewer component, First Coast's proposed residential wastewater tariff is
20 Exhibit I to its Application, Wastewater Tariff Sheet 13.0 (page 196 of 236 in the
21 Application PDF file). It shows a base facility charge of \$112.17 and a volume charge of
22 \$6.67 per thousand gallons with a 6,000 gallon cap. Assuming a monthly usage of 6,000
23 gallons leads to a volume charge of \$40.02 (6,000 gallons * \$6.67/thousand gallons). Adding
24 the \$40.02 volume charge to the base facility charge of \$112.17 equals a monthly sewer bill
25 of \$152.19 before taxes. Adding the water bill of \$52.69 and sewer bill of \$152.19 equals a

1 total monthly bill of \$204.88 before taxes.

2

3 **Q. Based on the same 6,000 gallons a month, what would a residential customer pay**
4 **JEA for water and wastewater service?**

5 A. The customer's monthly bill for water and sewer service would be \$66.36 before
6 taxes for a 5/8" meter and \$79.71 before taxes for a 3/4" meter.

7

8 **Q. How did you calculate the monthly water and sewer bill from JEA of \$66.36 per**
9 **month for a customer with a 5/8" meter?**

10 A. JEA's Water and Sewer Rate Document is attached as Exhibit JEC-3. JEA's rates for
11 water and sewer are shown on page 14 of this Exhibit. For water service the basic monthly
12 charge is \$12.60 for a 5/8" meter. The volume charge is \$0.93 per thousand gallons (up to
13 6000 gallons). JEA also has a water environmental charge of \$0.37 per thousand gallons.
14 Exh. JEC-3, p. 17. For 6,000 gallons of usage, the monthly water bill would be \$12.60 (base
15 charge) plus \$5.58 (volume charge of \$0.93 per thousand gallons * 6,000 gallons) plus \$2.22
16 (environmental charge of \$0.37 per thousand gallons * 6,000 gallons) for a total of \$20.40
17 per month for water, before taxes.

18 For sewer service, the basic monthly charge is \$14.10 for a 5/8" meter. The volume
19 charge is \$4.94 per thousand gallons (1,000 to 6,000 gallons). JEA also has a sewer
20 environmental charge of \$0.37 per thousand gallons (1,000 to 20,000 gallons). Exh. JEC-3,
21 p. 17. For 6,000 gallons of usage, the monthly sewer bill would be \$14.10 (base charge) plus
22 \$29.64 (volume charge of \$4.94 per thousand gallons * 6,000 gallons) plus \$2.22
23 (environmental charge of \$0.37 per thousand gallons * 6,000 gallons) for a total of \$45.96
24 per month for sewer, before taxes. Adding the water total of \$20.40 and sewer total of
25 \$45.96 equals \$66.36 per month before taxes.

1

2 **Q. How did you calculate the monthly water and sewer bill from JEA of \$79.71 per**
3 **month for a customer with a 3/4" meter?**

4 A. By following the same calculation process as above, but using JEA's rates for a
5 customer with a 3/4" meter as shown on page 14 of Exhibit JEC-3. Those rates for water are
6 \$18.90 for a base charge plus a volume charge of \$0.93 per thousand gallons (up to 6000
7 gallons). There is also a water environmental charge of \$0.37 per thousand gallons. Exh.
8 JEC-3, p. 17. For 6,000 gallons the total water bill would be \$26.70 before taxes.

9 For sewer the base charge is \$21.15 and the volume charge is \$4.94 per thousand
10 gallons (1,000 to 6,000 gallons). JEA also has a sewer environmental charge of \$0.37 per
11 thousand gallons (1,000 to 20,000 gallons). Exh. JEC-3, p. 17. For 6,000 gallons the total
12 sewer bill would be \$53.01 before taxes. Adding the water bill of \$26.70 and sewer bill of
13 \$53.01 makes for a monthly total of \$79.71 per month before taxes.

14 Please see Exhibit JEC-2 for a table comparing the rates and charges of First Coast
15 and JEA and again showing the details of these calculations.

16

17 **Q. How would First Coast's monthly water and wastewater rates and charges**
18 **compare to other municipal utilities in Florida?**

19 A. As compared to municipal water and wastewater utilities in Florida, First Coast
20 would be almost twice as much as the next highest utility. Please see Exhibit JEC-4 for a
21 chart comparing First Coast's proposed monthly rates and charges for a residential customer
22 using 6,000 gallons per month.

23

24 **Q. For the comparison chart attached as Exhibit JEC-4, can you please describe the**
25 **municipal utilities included, how the information was obtained, and conclusions to be**

1 **reached regarding First Coast’s proposed rates and charges?**

2 A. The utilities included in the chart are the municipal utilities used in the monthly
3 benchmark report JEA conducts in an effort to compare pricing to similar water and
4 wastewater utilities in Florida. JEA staff researches pricing for each utility online every
5 month and updates accordingly. The utilities included are representative of Florida water and
6 wastewater pricing, therefore it is appropriate to conclude that First Coast’s proposed rates
7 and charges are much higher than what is typical for a municipal water and wastewater
8 utility.

9 Please note that the amounts shown for JEA in the chart attached as JEC-4 (\$70.45
10 for a 5/8” meter and \$84.85 for a 3/4” meter) include the public service tax and franchise fees
11 collected by JEA, while the amount shown for First Coast using its proposed rates (\$204.88)
12 does not include the public service tax or any franchise fees.

13

14 **Q. What are First Coast’s proposed service availability charges?**

15 A. \$9,993.00 per ERC. First Coast requests a water service availability charge per ERC
16 of \$3,910.00 (\$752.00 for plant capacity and \$3,158.00 for main capacity) and a wastewater
17 service availability charge per ERC of \$6,083.00 (\$1,250.00 for plant capacity and \$4,833.00
18 for main capacity), for a total of \$9,993.00 in service availability charges per ERC. This is
19 shown in Schedules 6A and 6B to its Accounting Information, which are at pages 16 and 17
20 of Exhibit H to First Coast’s Application.

21

22 **Q. What would be JEA’s service availability charges?**

23 A. \$3,308.50 per ERC, or less than one-third that of First Coast. As shown on pages 6
24 and 7 of JEA’s Water and Sewer Rate Document, Exhibit JEC-3, for water service JEA
25 charges a Plant Capacity fee of \$339.50 and a Line Extension Growth Capacity Charge of

1 \$1,695.00 and for sewer service charges a Plant Capacity Fee of \$1,274.00. These numbers
2 added together total \$3,308.50.

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4 **Q. Does this conclude your testimony?**

5 A. Yes.

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EXPERIENCE

JEA

Director, Financial Planning & Analysis

April 2018 - Current

Influence strategic and operational financial decisions related to the entire organization by providing analyses, reports, presentations and recommendations to be considered by the CFO, CEO, JEA Board and City Council. The impact of the financial analysis encompasses the several hundred-million dollar annual operating budget, significant annual capital budget and the comprehensive ten-year financial model and plan.

- Manage key relationships with FEMA, SJRWMD and PSC regarding rates.
- Comprehensive ten-year financial model and plan incorporating assumptions covering external influences, e.g., environmental regulations, Integrated Resource Plan, system master plans, capital budgets, financing plans, fuels forecasts, environmental rules, cost of service studies as well as many other inputs.
- Assure revenue sufficiency is achieved through fair and equitable rate structures and effectively communicated rate philosophy and structure to customers and the Public Service Commission.
- Use innovative pricing and rate structures to meet customer use and develop retention and new customer growth strategies.
- Ensure adequate resources and processes are in place to facilitate a seamless transition from the longer-range plans to the creation of effective and accurate operating and capital budgets.
- Manage development and preparation of complex financial analyses for internal and external stakeholders such as transfers to the COJ such as franchise fee, city contribution and public service tax, responses to public records and media requests, quarterly and ad hoc requests from the Council Auditor.
- Manage, in conjunction with Treasury Services, preparation of financial information for annual presentation to bond Rating Agencies.
- Manage, in conjunction with Treasury Services, preparation of financial information requiring official statements for future debt issuance
- Develop and manage JEA annual capital budget and 10-year capital budget plan.
- Develop annual budget and provide real time budget data for effective operation of processes.
- Provide support to individual cost center owners regarding financial planning, ad hoc financial analysis and budget management issues and policies and procedures.
- Build financial planning capacity within direct area of responsibility, as well as within JEA.
- Oversee cost of service model for development of revenue requirements and rates.
- Provide decision models to determine the cost effectiveness of make versus buy alternatives.
- Coordinate and facilitate corporate strategic financial planning for the executive leadership team.

JEA

Manager, Financial Planning and Rates:

May 2015 – April 2018

- Prepare JEA's ten-year comprehensive financial model and planning documents
 - Create, implement and use financial models to assist in guiding major utility decisions such as generation additions, PPAs, and asset retirements
 - Maintain cost of service model, including associated cost allocations
-

-
- Research, and implement all utility rate activities
 - Manage relationships with external customers and stakeholders, including the Public Service Commission, as they relate to rates and financial planning matters
 - Conduct financial analysis and statistical studies
 - Develop standards for financial analysis
 - Prepare document and presentation for the JEA Board, media inquiries and external stakeholders
 - Provide financial projections for the development of the annual five-year financial plan and rating agency presentation
 - Produce the Electric, Water and Sewer, and District Energy Rate Tariff document.

JEA

Financial Analysis Specialist, Planning and Rates:

July 2013 – May 2015

Responsible for JEA's integrated ten-year financial forecast and projection models which are utilized to properly plan JEA's short-term and long-term financial performance in a most effective and efficient manner aligned with the Board approved Pricing Philosophy.

- Responsible for complex economic analysis and financial reporting
- Develop, maintain, and effectively utilize JEA's integrated ten-year financial projection models which serve as the foundation for the annual budget development, Rating Agency five-year financial plan, thirty-year generation financial models, and cost of service studies
- Perform ad hoc financial analyses across the organization for major JEA agreements such as, nuclear generation, water quality credit trading, outsource agreements, JEA transfer payments to the COJ
- Prepare financial forecast and projections of JEA's revenues and revenue requirements, and the impact of potential policy decisions or external factors on the forecasts and projections
- Reconcile as necessary, economics, municipal budget, rate making, GAAP and debt service based methodologies of financial reporting, and produces associated financial analyses, schedules and narratives
- Produce cost of service models to assure sufficient revenues to meet requirements
- Provide input and analysis to support the recommendation of appropriate fuel rate adjustments
- Ad hoc system revenue and expense analyses, reports and presentations
- Technical review and perform the scope of work, duties and responsibilities of the Financial Analyst, Rate Analysts as necessary, and communicate across all levels of the organization.

JEA

Financial Analyst, Financial Planning and Rates:

Dec. 2010 – July 2013

-
- Assist in the maintenance of JEA policies and procedures related to rates such as the pricing philosophy, rate agreements, interruptible/curtailable program, reclaim & net metering, tariff and other rate documentation
 - Assist with development of board agenda items; coordination of cost of service; and rate design/implementation
 - Prepare analyses, documents and reports to be utilized in financial decisions related to the entire organization that are considered by the CFO, CEO, JEA Board and City Council
 - Assists in preparing financial analyses for major strategic financial decisions related to recommendations
-

JEA

Rate Analyst:

June 2010 – Dec. 2010

-
- Assist in preparing cost of service studies for the Electric and Water/Wastewater systems
 - Benchmark corporate performance statistics against those of other utilities
 - Respond to customer inquiries with explanations of bill calculations and rate structures
 - Assist with rate design/implementation
 - Maintain tariff and other rate documentation

JEA

Risk Analyst, Enterprise Risk Management:

July 2008 – June 2010

Support the business units in identifying, assessing and managing strategic, operational, financial, compliance and reputation risk across the enterprise.

- Facilitate completion of business unit risk/control self-assessments, self-testing, and documentation required for ERM and Sarbanes-Oxley best practices
- Work with the business units and to assure that ERM control gaps are properly and promptly mitigated with appropriate action plans
- Compile reports for senior management summarizing the status of control gaps and outstanding action plans
- Perform special projects designed to manage/reduce JEA risk levels

GAINESVILLE REGIONAL UTILITIES

Utility Analyst:

August 2006 – July 2008

-
- Assist in preparing cost of service studies for GRU's Electric, Natural Gas, Water, and Wastewater systems
 - Calculate monthly fuel adjustment charges for the Electric and Natural Gas systems
 - Develop forecasts of number of customers, unit sales, and revenues for each system
 - Benchmark corporate performance statistics against those of other utilities
 - Prepare monthly wholesale customer bills
 - Prepare monthly billing summaries
 - Respond to industry association data requests and comply with state and federal government reporting requirements
 - Respond to customer inquiries with explanations of bill calculations and rate structures
 - Interact with other staff throughout GRU to provide technical consulting assistance with billing, rate, and financial analysis matters

EDUCATION

- University of Florida -- Bachelor of Science in Business Administration-Finance, April 2005
-

Table Comparing the Proposed Rates and Charges of the Applicant to those of JEA

<i>Assuming 6,000 gallons/month</i>	FCRU 5/8 x 3/4	JEA 5/8	JEA 3/4
Water Basic Monthly Charge	\$41.05	\$12.60	\$18.90
Water Volume Charge	\$11.64	\$5.58	\$5.58
Water Environmental Charge	\$0.00	\$2.22	\$2.22
Water Bill Before Taxes	\$52.69	\$20.40	\$26.70
Sewer Basic Monthly Charge	\$112.17	\$14.10	\$21.15
Sewer Volume Charge	\$40.02	\$29.64	\$29.64
Sewer Environmental Charge	\$0.00	\$2.22	\$2.22
Sewer Bill Before Taxes	\$152.19	\$45.96	\$53.01
(W/S) Monthly Bill Before Taxes	\$204.88	\$66.36	\$79.71

**WATER AND SEWER
RATE DOCUMENT**

JEA

21 West Church St.
Jacksonville, FL 32202
(904) 665-6000

DESCRIPTION OF TERRITORY SERVED

JEA furnishes retail and wholesale potable and reclaimed water and sewer services to major portions of Duval County and some portions of St. Johns, Clay, and Nassau Counties.

Approved by the JEA Board

October 17, 2017

Water and Sewer Rate Document

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Fees for Connection to and Maintenance of JEA Water and Sewer System

101 – Backflow Prevention Devices

Backflow prevention devices and device testing are required by JEA’s Cross-Connection Control Policy. Residential Irrigation service customers participating in the JEA Residential Irrigation Backflow Testing Program (RIBTP) will receive a service charge for backflow preventer testing once every two (2) years.

Testing – A backflow preventer testing charge of the actual cost of labor and materials or a maximum of \$50.00 will be applied to each residential irrigation service connection participating in JEA’s RIBTP.

Maintenance – A backflow preventer maintenance charge will be applied to customers requesting backflow maintenance or installation service from JEA, as part of the RIBTP. The maintenance charge will equal JEA’s cost to provide the requested service.

102 - Water Meter Tap Fees and Meter Set Fees for New Service Connections

- (a) JEA shall have the right to connect or set meters of the sizes as JEA may determine after a consideration of the minimum and maximum quantities of water to be delivered to any and all connections served by JEA’s water system and shall charge and collect in advance, at the time application is made or a plumbing permit, installation costs according to the following charge schedule:

<u>Tap Size (inches)</u>	<u>Size of Service Size (inches)</u>	<u>Meter Size (inches)</u>	<u>Tap Fee</u>	<u>Meter Set Fee</u>
1	3/4	5/8	No new 5/8” metered services available	
3/4*	3/4*	3/4	\$610	\$202.33
1	1	1	\$610	\$223.71
1-1/2	1-1/2	1-1/2	\$700	\$527.26 or cost, whichever is greater
2	2	2	\$700	\$588.96 or cost, whichever is greater

Tap fees for new service connections larger than two inches in diameter shall be based upon the average cost by service size of the installation to JEA but not less than \$700.00. Meter set fee for new connections larger than one inch in diameter shall be based upon the average cost by meter size of the installation to JEA or \$527.26, whichever is greater. Meters so installed shall be and remain the property of JEA and shall be maintained and kept in repair by

*Tap size can be 3/4” or 1” as determined by JEA

JEA without cost to the user. When evidence exists of tampering with or, of damage to meters or associated equipment by the customer, the customer is subject to prosecution, adjustment of bills, and reimbursement to JEA for expenses as defined in Management Directive 302. Temporary water service shall be metered and charges imposed by this part shall apply.

- (b) The charge for increasing the size of an existing meter shall include the meter set fee and tap fee for the new meter, plus the incremental plant capacity fees and the incremental line extension fees as determined in Section 105 for the new larger meter minus the corresponding amounts depicted for the existing meter.
- (c) Customers requesting to downsize their existing metered service must submit the request to JEA for approval. The customer must provide a basis for the downsize meter request to show that the meter was improperly oversized to begin with or that the facilities behind the meter have changed. The justification that supports the smaller service and/or meter size must come from a professional with the same certification level as was provided in the determination of the original service size.
- (d) Downsizing only the meter size does not eliminate or diminish JEA's investment in the upstream supply/downstream collection capacity to support the service availability associated with the original service installation nor does it significantly diminish the service availability/capacity provided to the customer. The cost of downsizing the metered service can be significant due to administration costs, potential upstream/downstream piping or meter box breakage, installation and site conditions such as concrete and paving for all sizes of meters, removing and plugging or capping off existing tap or service line when required.

For downsizing an existing service with 1 ½' or greater meter size: The charge shall be at minimum the meter set fee and tap fee for the smaller meter as listed in section 102(a) for new metered service connections of the prevailing tariff. JEA will make a size reduction at the tap and reduce the service line size. The costs include removal of bypass valves, valve boxes or vaults for existing meter services 3" or greater. If JEA estimates the cost of a customer request to downsize a metered service with an existing 1 ½" or greater meter size is greater than the average cost of either the tap fee or meter set fee listed in section 102(a), JEA will charge the customer the estimated cost.

For downsizing an existing 1" meter to a ¾" meter: A uniform meter downsize charge of \$500 will be assessed in lieu of a separate meter set fee and tap fee, where JEA may elect to install any of the following: a smaller tap service line reducer bushing or flow restriction orifice.

- (e) JEA shall set forth rules to implement the provisions of this subsection. To the extent this subsection conflicts with the provisions of JEA Water and Sewer Rules and Regulations, this section shall control.

103 - Sewer Tap Charges

A charge for all connections to JEA's sewer system shall be paid in advance by the user in an amount according to the following schedule:

- (a) For all sewer connections less than or equal to 6" the tap fee will be \$1,853.00.
- (b) For all sewer connections greater than 6" the tap fee will be actual cost.
- (c) For all sewer connections where there is no unpaved parkway or where other than a standard four-inch or six-inch "Y" connection to the sewer is used -- an amount equal to (1) the average cost by installation size to JEA or (2) \$1853.00, whichever is greater. In these cases, the user shall deposit with JEA, in advance, the estimated cost of the connections as determined by JEA.

104 - Special connections

In the event an application for water or sewer connection is received and the cost of installation, due to unusual circumstances, is determined by JEA to be substantially more than the charges set forth in this part, the installation charge shall be at actual cost to JEA or the standard cost, whichever is greater.

105 – Water and Sewer Capacity Charges

- (a) Imposition of charges; surcharges. Except as otherwise provided, every property owner whose property initially connects with JEA's water and/or sewer system shall pay to JEA at the time the building permit application is approved or, if no building permit application is required, at the time the plumbing permit is approved by JEA, a water and/or sewer plant and line extension growth capacity charges. Effective October 1, 2005, subsequent to the payment of said water or sewer capacity charges, should there be a delay in the connection to JEA's water/sewer system(s) attributable to the property owner's lack of need for JEA water/sewer or for any other reason other than JEA's inability to deliver water/sewer to the appropriate location for connection, then the property owner shall be required to pay both any "post-payment" increase in said water/sewer capacity charges and any "post-payment" new charges attributable to said connection to JEA water/sewer if connection is not made within one year subsequent to said payments. The property owner may, at any time subsequent to payment of a water/sewer capacity charge(s), and JEA shall, subsequent to one (1) year from said payment, initiate action resulting in the refund of any water or sewer capacity charge in situations wherein there has been no connection to JEA's water/sewer system(s). These charges shall be calculated as follows:

Residential and Commercial Water and Sewer Plant and Line Extension Growth Capacity Charges.

- (1) **Water (Potable, Irrigation and Reclaimed).** The minimum charge for a new water connection shall be \$2,034.50, or a charge of \$0.97 for each gallon of average daily water capacity as estimated and approved by JEA plus the line extension growth capacity charge, whichever is greater. For existing water connections, there will be a charge of \$0.97 per gallon of additional average daily water capacity as estimated and approved by JEA plus the line extension growth capacity charge. The capacity fee for new retail reclaimed water service will be \$0.97 per gallon of average daily flow as estimated and approved by JEA. The schedules below provide base capacity fees and line extension charges by meter size. Services greater than 2" and those that have more fixture units than allowed by meter size will be charged based on the estimated average daily flow.

Plant Capacity fees for Residential Service

Meter Size	Potable	Potable & Reclaimed Irrigation
5/8"	N/A	N/A
3/4"	\$ 339.50	\$ 339.50
1"	\$ 354.34	\$ 653.55
1 1/2"	\$ 696.74	\$ 2,221.59
2"	\$ 854.51	\$ 5,673.18

Plant Capacity Fees for Commercial Service

Meter Size	Potable	Potable & Reclaimed Irrigation
5/8"	N/A	N/A
3/4"	\$ 414.12	\$ 981.89
1"	\$ 433.88	\$ 1,850.28
1 1/2"	\$ 996.04	\$ 4,571.76
2"	\$ 1,916.55	\$ 8,509.92

Line Extension Growth Capacity Charge (Effective January 1, 2006)

Meter Size	Residential	Commercial
5/8"	N/A	N/A
3/4"	\$ 1,695	\$ 1,695
1"	\$ 2,000	\$ 2,500
1 1/2"	\$ 2,175	\$ 2,500
2"	\$ 2,350	\$ 2,500
3"	N/A	\$ 5,000
4"	N/A	\$ 5,000
6"	N/A	\$ 5,000
8"	N/A	\$ 5,000
10"	N/A	\$ 10,000
12"	N/A	\$ 10,000
20"	N/A	\$ 20,000

- (2) **Sewer.** The minimum charge for a new sewer connection shall be \$1,274.00, or a charge of \$3.64 for each gallon of average daily sewer capacity, as estimated and approved by JEA, whichever is greater. For existing sewer connections, there will be a charge of \$3.64 per gallon of additional average daily sewer capacity, as estimated and approved by JEA. For Residential customers in neighborhoods designated as Sanitary Nuisance Neighborhoods pursuant to City Ordinance 2000-119-E, the sewer capacity fee will be \$283.50 if the customer applies for sewer hook-up within 90 days of notification of service availability.

Plant Capacity Fees for Sewer Service

Meter Size	Residential	Commercial
5/8"	N/A	N/A
3/4"	\$ 1,274.00	\$ 1,554.02
1"	\$ 1,329.69	\$ 1,618.98
1 ½"	\$ 2,614.56	\$ 3,737.71
2"	\$ 3,206.63	\$ 7,192.01

- (3) **Transfer of Capacity:** JEA may consider transferring capacity (Annual Average Daily Flow – AADF). This section applies to capacity transfer requests from process facilities relocating, facilities on the same property, and qualifying customers within the boundaries of the Downtown Investment Authority.
- (a) Process Facilities. The following terms and conditions will apply:
1. The transfer must be made by a commercial or industrial customer who is relocating process equipment or process facilities from one location in JEA’s service area to another location within JEA’s service area.
 2. Only capacity (AADF) related to the process equipment or process facilities located within a geographically contiguous customer complex with an annual average daily process flow greater than 25,000 gallons per day can be considered for the transfer from the predecessor location to the successor location. The AADF will be calculated from the past 12 monthly billing cycle records. The capacity (AADF) related to domestic plumbing fixture units will not be considered for the transfer and will remain with the property location.
 3. Transfer of capacity (AADF) will be contingent on the customer removing and/or demolishing the process facilities at the predecessor location. JEA will review and approve the demolition plan submitted by the customer’s registered Florida Professional Engineer (P.E.). JEA may grant the customer up to 36 months to remove or demolish the process facilities after receiving the transfer request approval letter from JEA.
 4. The amount of capacity (AADF) to be transferred to the successor process facilities must be based on AADF methodology submitted by the customer’s P.E. versus the fixture unit method used for domestic plumbing.
 5. The customer’s P.E. shall certify and supply an itemized breakout and summary of domestic plumbing fixture units that will remain at the predecessor location after removal of the process equipment and process facilities. The P.E. shall certify and supply projected flows at the successor location.
 6. The entity (owner or tenant) of a property requesting transfer of capacity (AADF) will be required to demonstrate they are the entity that paid for or has the right to the capacity requested for transfer.
 7. If the customer was leasing the predecessor facility from a property owner, the transfer request by the lessee will be considered only if the customer provides JEA a signed release stating the property owner acknowledges and will not contest the transfer of capacity (AADF) related to process equipment and facilities from the property.
 8. Any request for transfer of capacity (AADF) must be made prior to the operation of the new process equipment or process facilities that will be using the water or sewer services that might qualify for the capacity transfer.

9. If the transfer request is for an amount of capacity (AADF) less than the amount assessed at the predecessor location, the remaining capacity may be utilized for up to 60 months from the transfer request approval. If the transfer request is for an amount of capacity less than the amount initially assessed at the successor location, then the difference will need to be paid at prevailing rates to JEA in conjunction with acceptance of the JEA transfer request approval letter.
 10. The transfer of capacity (AADF) will be a onetime event, whereas no subsequent transfer of previously transferred capacity (AADF) will be considered.
 11. The incremental flow capacity and wastewater characteristics corresponding to the proposed transfer of capacity (AADF) does not cause JEA to modify or enhance a sewer treatment facility in order to be in compliance with Florida Department of Environmental Protection regulations.
- (b) Same Property. The following terms and conditions will apply:
1. Transfer of capacity (AADF) applies to all property within JEA's service territory.
 2. In the case where no record of capacity is available a fixture count of the existing facility will determine the amount of capacity available for transfer.
 3. Transfer of capacity (AADF) will be allowed at no additional cost. Additional capacity required for the new facility must be paid to JEA at prevailing rates. If the transfer request is for an amount of capacity (AADF) less than the amount assessed to the existing facility, the remaining capacity may be utilized for up to 60 months from the transfer request approval.
 4. The existing facility, upon which the new facility will be built, must be demolished.
 5. There are no restrictions on the amount of the capacity or flow of the existing or new facility.
- (c) Within the Downtown Investment Authority (DIA) Boundaries. The following terms and conditions will apply:
1. Boundaries for the DIA are defined in Jacksonville City Ordinance 2012-364 as may be revised in the future.
 2. The transfer request must be made by a commercial or industrial customer who is relocating within the DIA boundary.

3. Qualifying customers must have an AADF at the predecessor facility greater than 1,000 gallons per day as determined by one of the methods in the following hierarchy:
 - A. Proof of Paid Capacity
 - B. Flows derived from fixture unit count as certified by a P. E.
 - C. Flows derived from JEA billing records
4. The P.E. shall certify and supply projected flows at the successor location.
5. Transfer of capacity (AADF) from the predecessor facility will be allowed at no additional cost. Additional capacity required for the successor facility must be paid to JEA at prevailing rates. If the transfer request is for an amount of capacity (AADF) less than the amount assessed on the predecessor facility, the remaining capacity may be utilized for up to 60 months from the transfer request approval.
6. The entity (owner or tenant) of a property requesting transfer of capacity (AADF) will be required to demonstrate they are the entity that paid for or has the right to the capacity requested for transfer.
7. If the customer was leasing the predecessor facility from a property owner, the transfer request by the lessee will be considered only if the lessee provides JEA a release signed by the property owner stating the owner acknowledges and will not contest the transfer of capacity (AADF).
8. If the predecessor facility, from which the capacity was transferred, is not demolished, the owner must record a deed restriction with the Duval County Clerk of the Court. The deed restriction must state that the predecessor facility no longer contains the transferred capacity allotment, which obligates payment of capacity fees at prevailing rates for future use or construction.

(4) *Industrial or process waste.*

For industrial or process waste there shall be a charge of \$ 3.64 for each gallon of daily production flow or the average of all production shift flows (whichever presents the greater requirement for volumetric capacity of the treatment unit), as estimated to the satisfaction of JEA where the character of the waste does not exceed 300 parts per million, by weight, of suspended solids, or chemical oxygen demand not exceeding 650 parts per million, by weight. In the case of a user desiring to discharge sewage into JEA's sewer system, when the purchased capacity will be used to phase out a treatment facility that is not capable of meeting state water quality standards (as determined by JEA from adequate documentation),

(5) *Sewer capacity surcharge.*

In addition to the basic quantity charge as fixed by paragraph (2), there is an additional surcharge when the character of the sewage, waters or wastes from a manufacturing or industrial plant, business or commercial location or building or premises proposing to connect to JEA’s sewer system has a five-day chemical oxygen demand of greater than 650 parts per million, by weight, or contains more than 300 parts per million, by weight, of suspended solids, or both, as determined from the application of the owner, which shall fully disclose to the satisfaction of JEA the character of the waste to be accepted. This additional surcharge shall be computed as follows:

$$\text{SCS} = ((\text{COD}-650) \times \text{Qmgd} \times 8.34\#/\text{gallons} \times \$188/\text{pound}) + ((\text{SS}-300) \times \text{Qmgd} \times 8.34\#/\text{gallons} \times \$82/\text{pounds})$$

Where:

SCS = sewer capacity surcharge,

Qmgd = daily production flow or the average of all production shift flows (whichever presents the greatest requirement for volumetric and/or organic capacity) in million gallons a day,

COD = chemical oxygen demand in parts per million

SS = suspended solids in parts per million

JEA

(b) Exception. No water or sewer capacity charges, other than any additional charges under subsection c), if applicable, shall be due at the time of connection with respect to property:

- (1) as to which there has been paid to JEA a water and/or sewer capacity charge.
- (2) previously served by an investor/community-owned public utility company which has been acquired by JEA.

(c) Additional charge(s). If:

- (1) JEA shall determine that the estimated average daily flow(s) of a user made at the time of initial connection to JEA's water and/or sewer system was erroneous, or that the description of the character of the waste in the application was erroneous; or
- (2) The use of the property served by JEA's water and/or sewer system changes because of the construction of new dwellings, commercial or industrial facilities, because of additions to existing dwellings, commercial or industrial facilities, because of change in use from single family to multi-family residential, or because of increased, expanded or changed operations:
 - (i) so as to increase the number of gallons of sewage discharge by more than 20% over the number of the unit values or gallons of discharge at the most recent of either the time of payment of the last sewer capacity charge or the date when customer's sewer service provider was acquired by JEA; or
 - (ii) so as to increase by more than 10% its COD or suspended solids loading, measured in pounds a day; or
 - (iii) so as to increase the number of gallons of water usage by more than 20% over the number of unit values or gallons of usage at the most recent of either the time of payment of the last water capacity charge or the date when customer's water service provider was acquired by JEA.

Then an additional charge resulting from the erroneous estimates or change in property use shall be due and payable at the time JEA shall determine that an erroneous estimate was made or at the time of the change in property use, regardless of whether a water and/or sewer capacity charge was ever imposed or paid at the time of initial connection to the system. The additional charge shall be calculated according to the same rates as described in 105 (a) (1) and shall be based on flow or on the excess COD or suspended solids loading as applicable, over that on which the previous sewer capacity charge was based.

(d) Use of funds – Capacity and main extension fees

Revenues derived from the Water/Sewer capacity fees and Water/Sewer main extension fees are to be placed in Water/Sewer capacity and main extension capital improvement funds. The funds are used for qualifying capital expenditures related to growth and expansion, to pay debt service and/or debt pay down on qualifying capital expenditures initially funded through bond issuance.

Qualifying expenditures for the Water/Sewer capacity fees include:

- 1) Treatment plants and capacity expansion
- 2) Treatment plant configuration
- 3) Wastewater master pump stations and force mains directly upstream of the wastewater plant

Qualifying expenditures for the Water/Sewer main extension fees for backbone transmission facilities include:

- 1) Water mains greater than or equal to 10” in diameter
- 2) Water re-pump stations
- 3) Remote storage facilities
- 4) Force mains greater than or equal to 10” in diameter
- 5) Interceptor (trunk) gravity lines

Rates for Water, Sewer and Reclaimed Service

201 - Residential Rates

Basic Monthly Charge

<u>Meter Size</u>	<u>Water</u>	<u>Sewer</u>	<u>Irrigation</u>	<u>Reclaimed</u> ⁽¹⁾
5/8"	\$12.60	\$14.10	\$12.60	\$12.60
3/4"	\$18.90	\$21.15	\$18.90	\$18.90
1"	\$31.50	\$35.25	\$31.50	\$31.50
1 1/2"	\$63.00	\$70.50	\$63.00	\$63.00
2"	\$100.80	\$112.80	\$100.80	\$100.80
3"	\$201.60	\$225.60	\$201.60	\$201.60

(1) Non-bulk reclaimed customers will be charged an additional \$6.00 regardless of meter size to cover costs due to regulatory requirements.

Volume Charges per Thousand Gallons (kgal)

<u>Tier</u>	<u>Water</u>	<u>Sewer</u>	<u>Irrigation</u>	<u>Reclaimed</u>
1 – 6 kgal	\$0.93			
7 – 20 kgal	\$2.60			
>20 kgal	\$5.60			
1 – 6 kgal		\$4.94		
7 – 20 kgal		\$6.02		
1 – 14 kgal			\$2.60	\$2.60
>14 kgal			\$5.60	\$5.60

Environmental Charge per Thousand Gallons (kgal)

See Section 204 for environmental charge

JEA

202 - Commercial Rates

Basic Monthly Charge

<u>Meter Size</u>	<u>Water</u>	<u>Sewer</u>	<u>Irrigation⁽¹⁾</u>	<u>Reclaimed⁽¹⁾⁽²⁾</u>
5/8"	\$12.60	\$21.15	\$12.60	\$12.60
3/4"	\$18.90	\$31.73	\$18.90	\$18.90
1"	\$31.50	\$52.88	\$31.50	\$31.50
1 1/2"	\$63.00	\$105.75	\$63.00	\$63.00
2"	\$100.80	\$169.20	\$100.80	\$100.80
3"	\$201.60	\$338.40	\$201.60	\$201.60
4"	\$315.00	\$528.75	\$315.00	\$315.00
6"	\$630.00	\$1,057.50	\$630.00	\$630.00
8"	\$1,008.00	\$1,692.00	\$1,008.00	\$1,008.00
10"	\$1,974.55	\$2,432.25		
12"	\$3,691.55	\$4,547.25		
20"	\$7,726.50	\$9,517.50		

(1) Includes Multi-Family Irrigation and Multi-Family Reclaimed Service

(2) Non-bulk reclaimed customers will be charged an additional \$6.00 regardless of meter size to cover costs due to regulatory requirements.

Volume Charges per Thousand Gallons (kgal)

<u>Tier</u>	<u>Water</u>	<u>Sewer</u>	<u>Irrigation⁽¹⁾</u>	<u>Reclaimed⁽¹⁾</u>
≤ 8" All kgal	\$1.49			
≥ 10 " All kgal	\$1.24			
All kgal		\$6.02		
1 – 14 kgal			\$3.44	\$3.44
>14 kgal			\$3.96	\$3.96

Limited Service Sewer⁽²⁾

All kgal \$4.74

Bulk Reclaimed

All kgal \$0.14 ⁽³⁾

All kgal \$0.28 ⁽⁴⁾

(1) Includes Multi-Family Irrigation and Multi-Family Reclaimed Service

(2) No new Limited Service Sewer accounts shall be allowed.

(3) Bulk Reclaimed rate per kgal for bulk reclaimed irrigation customers that are relinquishing, suspending, or foregoing an application for a Consumptive Use Permit or ground water withdrawals from SJRWMD. Rates apply in accordance with JEA standard bulk reclaimed water service agreement until such time as JEA may no longer offer reclaimed water service under such agreement.

(4) Bulk Reclaimed rate per kgal for all other bulk reclaimed irrigation customers. Rates apply in accordance with JEA standard bulk reclaimed water service agreement until such time as JEA may no longer offer reclaimed water service under such agreement.

Environmental Charges per Thousand Gallons (kgal)

See Section 204 for environmental charge

JEA

203 – Multi-Family Rates

Basic Monthly Charge

<u>Meter Size</u>	<u>Water</u>	<u>Sewer</u>
5/8"	\$18.41	\$24.68
3/4"	\$27.62	\$37.01
1"	\$46.03	\$61.69
1 1/2"	\$92.05	\$123.38
2"	\$147.28	\$197.40
3"	\$294.56	\$394.80
4"	\$460.25	\$616.88
6"	\$920.50	\$1,233.75
8"	\$1,472.80	\$1,974.00
10"	\$2,117.15	\$2,837.63
12"	\$3,958.15	\$5,305.13
20"	\$8,284.50	\$11,103.75

Note: For Multi-Family Irrigation and Multi-Family Reclaimed basic monthly charge, Section 202 Commercial Irrigation and Reclaimed rates will apply

Volume Charges per Thousand Gallons (kgal)

<u>Tier</u>	<u>Water</u>	<u>Sewer</u>
All kgal	\$1.00	
All kgal		\$6.02

Note: For Multi-Family Irrigation and Multi-Family Reclaimed volume charges, Section 202 Commercial Irrigation and Reclaimed rates will apply

Environmental Charges per Thousand Gallons (kgal)

See Section 204 for environmental charge

JEA

204 – Environmental Charges

The Environmental Charge applies to all rate classes. The charge will apply to all billed usage for each 1,000 gallons (kgal) according to the schedules below:

Residential

<u>Tier</u>	<u>Water</u>	<u>Sewer</u>	<u>Irrigation</u>	<u>Reclaimed</u>
All kgal	\$0.37		\$0.37	\$0.37
1 – 20 kgal		\$0.37		

Commercial

<u>Tier</u>	<u>Water</u>	<u>Sewer</u>	<u>Irrigation⁽¹⁾</u>	<u>Reclaimed⁽¹⁾⁽²⁾</u>
All kgal	\$0.37	\$0.37	\$0.37	\$0.37

Multi-Family

<u>Tier</u>	<u>Water</u>	<u>Sewer</u>
All kgal	\$0.37	\$0.37

- (1) Includes Multi-Family Irrigation and Multi-Family Reclaimed service
- (2) Not applicable to bulk reclaimed usage

Charges for Fire Protection Water Service

301 - Fire Protection Charges

- (a) For a closed unmetered connection to JEA’s water system for the purpose of providing service on a standby basis for fire protection, there shall be a charge according to the following schedule for each year or portion thereof of the services provided:

<u>Size of Branch (inches)</u>	<u>Annual Charge</u>
4 or less	\$67.00
6	\$133.00
8	\$274.00
10 or greater	\$488.00

A closed system shall be limited to the interior of buildings only with a physically separate fire protection system with no external firefighting connections and/or standpipes with access to potable water. The charge shall be billed on a monthly basis. Other water and sewer services to a fire protection customer may be terminated because of nonpayment of fire protection charges. No connection shall be made to the system for a use other than fire protection. The requesting party shall be responsible for all costs incurred in the construction of the connection to JEA’s water main. There shall be no connection of the system with any JEA water source unless a backflow prevention device, approved pursuant to JEA Rules and Regulations for Water and Sewer Service is installed. No suction of a pump may be attached to a connection of JEA except for health or safety reasons and with the approval of JEA. Buildings that are to be served by a closed unmetered connection, the owner will, at their own expense install and maintain a water flow monitor as prescribed by JEA Rules and Regulations for Water and Sewer Service. Customer must certify any flow detected is water used in the extinguishment or control of fires within the building. In the event of noncompliance by the customer with a provision of this section, JEA shall cause the discontinuance of service until the customer makes application and payment for installation of the proper size meter and applicable rate for metered services.

- (b) For an open unmetered connection, where a customer could access water through standpipes or other firefighting connections to JEA’s water system, for the purpose of providing service on a standby basis for fire protection on which the customer has purchased and installed a water flow monitoring device as prescribed by JEA Rules and Regulations for Water and Sewer Service, there shall be a monthly charge according to the following schedule:

<u>Size of Branch (inches)</u>	<u>Monthly Charge</u>
4 or less	\$21.00
6	\$28.00
8	\$42.00
10 or greater	\$55.00

Other water and sewer service to a fire protection customer may be terminated because of non-payment of fire protection charges.

- (c) The volume of water, used in fire protection or testing purposes, as estimated by JEA, shall be billed at prevailing rates as established in Section 202 as set forth in this document. The requesting party shall be responsible for all costs, including costs of meter removal and installation of a flow monitoring device as prescribed by JEA Rules and Regulations for Water and Sewer Service, incurred in the construction of the connection to JEA’s water main. There shall be no connection of the system with any JEA water source, unless a backflow prevention device, approved pursuant to appropriate sections of JEA Rules and Regulations for Water and Sewer Service, is installed. No suction of a pump may be attached to a connection of JEA except for health or safety reasons and with the approval of JEA. In the event of non-compliance by the customer with a provision of this subsection, JEA shall cause the discontinuance of service until the customer makes application and payment for installation of the proper size meter and applicable rate for metered service.
- (d) Water used for municipal purposes other than the extinguishment of fires and all water used by another political subdivision or political agencies, state and federal, shall be subject to the rate schedule Section 202 as set forth in this document.

Conditions For Sewer Service

401 - Conditions for Service

- (1) Each applicant for a sewer connection between JEA's sewer system and a lot or parcel of land which is supplied water by a private system or well shall have a meter, approved by JEA, installed and maintained at the expense of the applicant and his successors in interest. The meter shall be located in the water line at a convenient location for reading and for measuring the water which enters the sewer system. In these cases the sewer service charge shall be based upon the reading of the meter made by JEA's meter readers. Each sewer only customer class with unmetered water or inoperative meter shall be charged at the average monthly water usage rate for the prior calendar year for that customer class as the consumption amount.
- (2) On sewer credit accounts, the water meter shall be JEA-owned and installed by the owner, tenant, occupant or his agent under the direct supervision of JEA, and the owner, tenant or occupant shall pay those inspection, delivery, material and administrative costs as determined by JEA or which are required by, and shall be subject to, the terms and requirements of sections 102. This paragraph does not apply to owners, tenants or occupants of lots or parcels of land which are connected to JEA water and sewer system and also have a cross-connection to another water supply. The maximum credit that can be given for an existing sewer credit account is 75% of the total water billed for the account on which the credit is to be given. No new sewer credit accounts shall be allowed.
- (3) Effective October 1, 1988, all owners, tenants, and occupants shall be required to provide for the installation and use of JEA-owned water meters in all water systems, regardless of whether the meter is or was installed for the purposes of establishing a charge or a credit.

402 - Sewer Surcharge.

In all cases where the character of the sewage, waters or waste from a manufacturing or industrial plant, business or commercial location, building or premises has a chemical oxygen demand (COD) of more than 650 parts per million by weight or contains more than 300 parts per million by weight of suspended solids (SS), or both, and the sewage, waters or waste are accepted into the sewage system for treatment, the discharger shall pay to JEA a rate, fee or charge, designated as a surcharge. Surcharge shall be in addition to any sewer service charge which might be based upon the customer's premises as set forth in this Water & Sewer Rate Document. JEA reserves the right to deny any discharger treatment capacity based on JEA's determination that additional organic loading above 650/ppm COD, 300/ppm suspended solids or additional hydraulic load, or any combination of the above, will hamper or reduce the effective operations of the treatment facility.

The surcharge shall consist of an amount calculated according to the following formula:

$$S = V_s \times \{ \$0.0008031 (\text{COD} - 650) + \$0.0009810 (\text{SS} - 300) \}$$

Where:

S = surcharge in dollars;

V_s = sewage volume in kgal;

\$0.0008031 = unit charge factor for COD based on 9.629 cents per pound of COD;

COD = chemical oxygen demand strength index in parts per million by weight;

650 = allowable COD strength under normal volume charges in parts per million by weight;

\$0.0009810 = unit charge factor for suspended solids based upon 11.763 cents per pound of suspended solids; and

SS = suspended solids strength index.

The amount of the surcharge for the use of JEA's sewer system shall be separately stated as a part of the total sewer service charge for the billing period and shall be payable, collectible and enforceable in the manner provided for sewer service charges. Unless otherwise required by JEA for compliance with local, state and federal law or regulations, each customer to which this surcharge applies shall submit, on a monthly basis, a laboratory analysis of such scope as to permit JEA to render an accurate billing of this charge as provided herein.

Each sewer customer to which this surcharge could apply that does not submit a laboratory analysis shall be charged a sewer surcharge based upon the average surcharge factors of other customers who have the same property use code as assigned by the Duval County Property Appraiser's Office or based upon factors assigned by JEA until reporting of actual surcharge factors are provided by the sewer customer.

403 - Scavenger and Leachate Waste Charges

- (a) Scavenger wastes, as described in JEA Rules and Regulations for Water and Sewer Service, may be disposed of at a JEA sewage treatment plant after approval of JEA and with prior payment of a charge of \$4.49 for each 100 gallons of waste based on the full capacity of each vehicle for each discharge. There shall be a minimum fee of \$ 30.00 for each discharge.
- (b) Leachate waste may be disposed of at a JEA sewage treatment plant after approval of JEA at a charge of \$5.16 per 100 gallons of waste based on the full capacity of each vehicle for each discharge.

JEA

Service Charges

501 - Service Charges

- 1) The fee for inspecting the installation of a sewer flow meter shall be \$50.00
- 2) To physically locate a sewer connection, the charge is \$491.00
- 3) JEA will conduct fire hydrant flow tests when requested. The fee for this service will be \$82.00
- 4) The fee for processing an industrial user discharge permit application shall be \$250.00
- 5) The on-site inspection of non-significant industrial users to determine compliance with JEA Industrial Pretreatment Regulations shall be assessed at \$100.00 per visit.
- 6) Customers who use water provided by the standby system for other than fire protection or testing purposes shall be charged:
 - a. \$200.00 per incident
 - b. Plus 150% of the prevailing commercial water rate for each kgal of estimated usage
- 7) The charge for unauthorized connection to a hydrant shall be either
 - a. \$1,500.00 or
 - b. \$750.00 if the customer applies and obtains a hydrant meter
- 8) Upon request, JEA will test a customer's meter for accuracy. If the meter does not test within JEA acceptable accuracy range of + or - 2%, JEA will bear the full cost of the test. If the meter tests within JEA acceptable accuracy range, however, the customer will be required to share in the cost of the testing according to the following schedule:
 - a. \$40.00 for a field test of a meter up to 1 inch
 - b. \$85.00 for a field test of a meter between 1 ½ and 2 inches
 - c. \$125.00 for a field test of a meter greater than 2 inches
- 9) The fee for resetting a meter which has been removed due to customer theft or fraud shall be a minimum of \$225.00 or actual cost for labor and materials.
- 10) The fee for reconnection of sewer services which have been discontinued for nonpayment of sewer service charges shall be a minimum of \$400.00 or actual cost for labor and materials.

Service Charges (continued)

- 11) The fee to start a water, sewer, or a water/sewer service shall be \$10.00
- 12) The fee to start an irrigation or reclaimed service shall be \$10.00
- 13) The fee for reconnection following disconnection for delinquency shall be \$14.00 per service
- 14) Field notification in lieu disconnection shall be \$5.00
- 15) Meter inaccessible for reading or cut-off after notice shall be \$25.00
- 16) Tampering with meter or service connection shall be \$200.00
- 17) Damaged/Missing meter charge shall be the actual cost of the damaged or missing meter.
- 18) JEA will charge a customer \$25.00 for each return trip whenever JEA must make a return trip to a customer's service address to perform maintenance and/or activate service because the work requested by the customer was not able to be completed at the first scheduled visit.
- 19) Service restored without JEA authorization shall be \$25.00
- 20) Returned check charge shall be \$20.00
- 21) The charge for a required court appearance and/or restitution claim by a JEA employee shall be a minimum of \$50.00 up to \$400.00 depending on actual costs.
- 22) The fee for the misrepresentation made to JEA for the purpose of obtaining or maintaining utility service(s) shall be \$50.00.
- 23) The charge for the reactivation of a residential irrigation service, including reclaimed, within six months of a customer requested disconnect at the same service address by the same customer shall be \$125.00
- 24) The charge for the reactivation of a commercial irrigation service, including reclaimed, within six months of a customer requested disconnect at the same service address by the same customer shall be \$250.00

Billing Issues

601 - Customer Installed Meters

If a meter installed and maintained by an owner, occupant or tenant upon which the sewer service charges imposed by this document are based is found to be defective for any reason whatsoever, the owner, occupant or tenant shall immediately correct the defect and have the meter tested by JEA at his expense. In these cases, JEA reserves the right to render an average or estimated bill for the period that the meter was defective, based upon previous consumption on the meter.

602 – Pool Fill Credits

Any metered user to whom sewer charges are regularly rendered and through whose meter a swimming, family swimming, or public pool receives water from JEA water system and whose pool capacity has been documented to JEA by the pool contractor, builder or homeowner at the time the building permit for the pool was issued shall have the right to fill the pool for the first time without application of the sewer charge to the quantity of water used to fill the pool. Furthermore, a metered user, as defined herein above, who is required to drain his pool in order to facilitate needed repair shall have the right to refill the pool after the repair has been completed without application of the sewer charge to the quantity of water used to refill the pool, provided that the necessity to drain the pool for repair and the pool's capacity in gallons is certified to JEA by the pool contractor or other person doing the repair prior to draining the pool. The certification shall be under oath and must have attached to it the permit issued by the Chief, Building and Zoning Inspection Division for any repairs. The right to fill the pool for the first time or to refill the pool after necessary repair may be exercised by the making of a written request to and upon forms available from JEA. The written request shall include such documented proof as required and as satisfactory to JEA, of the pool's capacity in gallons. The written request shall also include an affidavit (on the form provided by JEA) signed by the user, and water meter readings both immediately before and after the filling or refilling of the pool with dates and times of readings noted. All written requests shall be furnished to JEA no later than 30 days after completion of the filling or refilling. Upon receipt of a proper written request, JEA shall cause an appropriate credit to be made to the user's account.

603 - Utility Agreements

JEA serves a limited number of customers wherein it provides water service and a second party utility company provides sewer service, and vice versa. On some occasions, customers receiving water and sewer service from two different utilities pay only the water bill and not the sewer service bill. Curtailment of sewer service alone is extremely expensive in that sewer lines to customers typically do not have cut-off valves, necessitating that the sewer line be dug out and plugged. To accomplish the same protocol that is undertaken for customers who receive both water and sewer service by JEA, JEA is authorized to execute an agreement (containing appropriate hold harmless provisions as approved by the office of the General Counsel) with second party utility companies (which reciprocate) providing for the termination of water service for customers who do not pay the fees for sewer service. Said

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termination of water service shall afford notice and appeal rights conforming to those provided to customers receiving both water and sewer service from JEA.

604 - Special Services, Terms, Conditions and Rates

JEA and the customer may agree for JEA to provide special services, including related water, sewer and energy services, and for terms of service up to ten (10) years in length. Services could include the repayment to JEA over time of the capital costs incurred to connect new customers to the water and/or sewer system. Prices for special services, terms or conditions shall be based on cost. JEA’s provision of special services, terms, and conditions requires execution of a contract between JEA and the customer, in which all special services, terms, and conditions shall be specified. Contract approval authorizations shall be as established in applicable JEA Management Directives, Policies or Procedures.

605 – Applicable Taxes and Fees

City of Jacksonville

Service	Applicable Fees	Applicable Taxes
Water	3% Franchise Fee	10% Public Service Tax
Sewer	3% Franchise Fee	
Irrigation	3% Franchise Fee	10% Public Service Tax
COD/TSS	3% Franchise Fee	
Reclaimed	None	10% Public Service Tax
Capacity Fee	None	
Tap & Meter Fees	None	
Line Extension Fees	None	

Nassau, St. Johns, Clay Counties

Service	Applicable Fees	Applicable Taxes
Water	None	None
Sewer	None	None
Irrigation	None	None
COD/TSS	None	None
Reclaimed	None	None
Capacity Fee	None	None
Tap & Meter Fees	None	None
Line Extension Fees	None	None

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CONDITIONS FOR RECLAIMED SERVICE

701 - Availability and Requirements for Service

This service will only be provided where service is available, with a physically separate reclaimed water irrigation system. Bulk service will be available to large commercial and industrial users where JEA reclaimed water system is closely available. Retail service for residential and commercial service will be available in Developments of Regional Impact (DRIs), in areas served by JEA, where service is available, with a physically separate reclaimed water irrigation system. No connection to JEA's potable water system by valve or any other means will be allowed. Certification that no interconnection exists must be provided to JEA before any service connections are made. All areas where reclaimed water is being used must be clearly marked as non-potable water. Any customer whose reclaimed water system is in violation of any regulation or procedure shall be subject to immediate discontinuance of reclaimed water service. Such discontinuance shall not relieve any person of liability for any payments due to JEA.

702 - Reclaimed Water Capacity Charges

- (a) Capacity fees for retail reclaimed water service will be charged at the same rates as stated in Section 105 of this document.
- (b) No capacity fees will be charged for bulk reclaimed water sales.

703 - Connection Fee, etc.

Connection, reconnection, tap, and construction fees and rates shall be in accordance with applicable sections of the Water and Sewer Rate Document.

JEA and Other Municipal Water and Sewer Rates in Florida
 Compared to the Applicant's Proposed Rates

