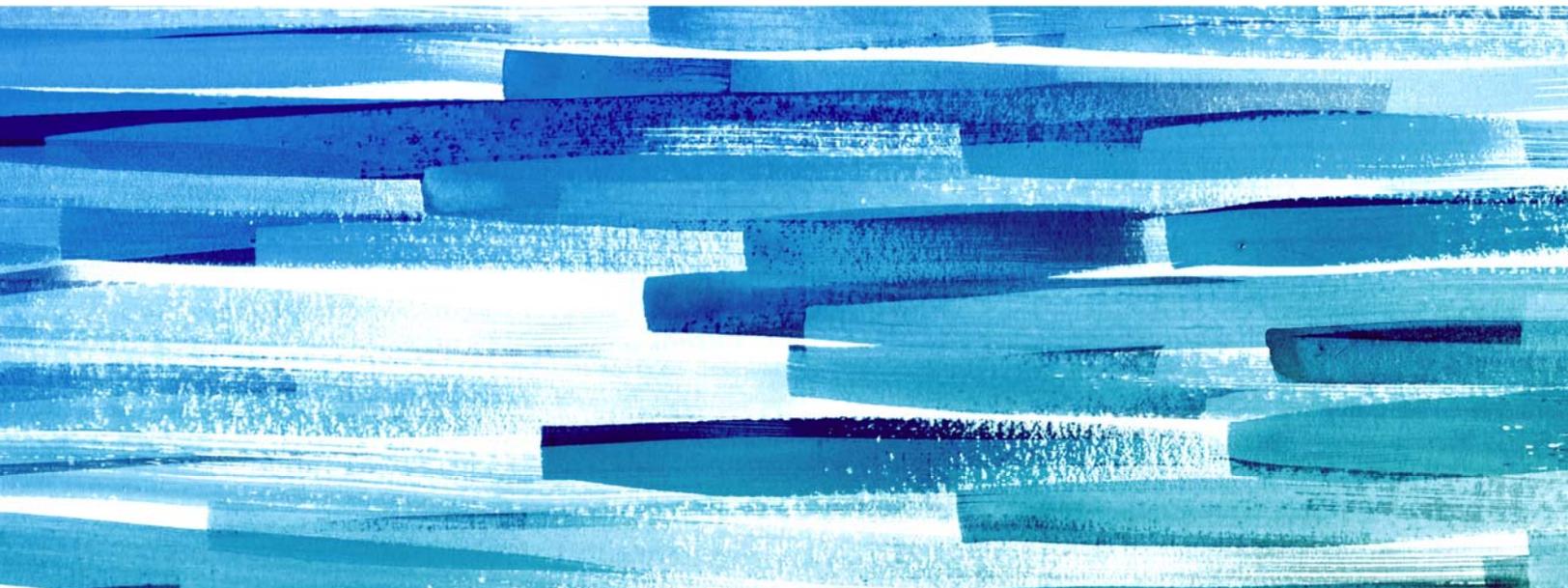


CITY OF NORTH PORT, FLORIDA

May 21, 2019

UTILITY RATE ANALYSIS



GovRates, Inc.
Utility, Financial, Rate, and Management
Consultants for Governments

www.govrates.com



May 21, 2019

Honorable Chairman and
Members of the City Commission
City of North Port
4970 City Hall Boulevard
North Port, Florida 34286-4100

Subject: Utility Rate Analysis

GovRates, Inc. ("GovRates") has completed our review of the water and wastewater utility rates for the City of North Port (the "City") and has prepared this report which summarizes our analyses, findings, and recommendations. This utility rate analysis involved preparing a financial forecast through the Fiscal Year 2029.

Developing a financial and rate plan for the City's water and wastewater system (the "System") involved multiple considerations:

- The financial and rate plan should consider utility best management practices and should promote financial sustainability and creditworthiness.
- The proposed monthly user rates should be considered equitable, affordable, and competitive.
- The proposed rate plan should not cause "rate shock" to customers. From a best financial management practices standpoint, smaller incremental increases over time can help avoid future rate shock and large "catch up" rate increases.
- The proposed rates should enable the utility to perform the necessary capital improvements and operational changes to remain compliant with the regulatory requirements of the Florida Department of Environment Protection and the Florida Department of Health.
- The proposed user rates should provide the System with an adequate level of revenue stability given the seasonality and cyclicity of water sales and corresponding billable wastewater flow.
- The water user rate structure should encourage conservation of water resources consistent with the requirements of the utility's water consumptive use permit from the Southwest Florida Water Management District.

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- The utility's capacity fees, which are a significant funding source for System capital needs, should be calculated based on industry standards and the requirements of statutory and case law.
- The utility's miscellaneous service charges, which reduce the level of expenditures (revenue requirements) that must be recovered from monthly user rates, should be cost-based and competitive with those of other jurisdictions.

GovRates believes that the financial and rate plan presented in this report reflects a reasonable balance of the aforementioned considerations. Following this letter is an executive summary that provides an overview of our analyses, conclusions, and recommendations. The other sections of the report provide additional details regarding the financial forecast and rate development.

We greatly appreciate the opportunity to be of service to the City and would like to thank the City management and staff for their tremendous assistance and cooperation during the course of the utility rate analysis.

Yours in government service,
GovRates, Inc.



Bryan A. Mantz, CMC, CGFM
President

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**EXECUTIVE SUMMARY
AND RECOMMENDATIONS**

EXECUTIVE SUMMARY AND RECOMMENDATIONS

ES-1: General

The City of North Port (the "City") owns a water and wastewater system (the "System" or the "Utility") that provides an essential service on a continual basis and that operates in a highly-regulated environment. Regulatory agencies for the Utility include the Florida Department of Environmental Protection (the "FDEP"), the Southwest Florida Water Management District ("SWFWMD"), and the Florida Department of Health. The System currently provides service to approximately 21,669 retail water accounts, one (1) wholesale or bulk water customer, and 16,700 wastewater customers.

The System is established as a utility enterprise fund and is essentially the City's largest "business." According to the Governmental Accounting Standards Board, "Enterprise Funds should be used to account for operations that are financed and operated in a manner similar to private business enterprises – where the intent of the governing body is that costs of providing services to the general public on a continuing basis should be financed or recovered primarily through user charges."

The installed cost of System assets under City management was over \$180 million as of September 30, 2018. The System should have revenues equal to the costs of the services provided by the Utility, and the City should establish rates sufficient to cover the cost of operating, maintaining, repairing and financing the System. There are also rate covenants associated with the System's outstanding debt that require the City to establish the Utility's rates at certain levels to meet the debt obligations. To assist the City in reviewing the sufficiency of its rates, GovRates, Inc. ("GovRates") was retained to perform a utility rate analysis.

ES-2: Summary of Recommendations

ES-2.1: Monthly Water and Wastewater User Rates – Retail

Although the City annually reviews the financial position of the System, the last formal rate analysis was performed in 2015. The City's current water and wastewater user rates have been in effect since October 1, 2017. As part of the current utility rate analysis, financial projections were prepared for the System for the Fiscal Year 2019 through the Fiscal Year 2029 (the "Forecast Period").

Based on the assumptions relied upon in the development of the System revenue requirements, GovRates has identified the need for rate adjustments for both the water system and the wastewater system. The primary reasons for the identified rate adjustments are to:

1. Fund the costs of future operations. Inflation is expected to continue to affect System operating margins. The Congressional Budget Office has projected the national consumer price index (CPI) to increase by 2.3% to 2.6% per year during the Forecast Period. Due to regulatory requirements and the capital-intensive nature of utility operations, utility costs typically increase at a higher rate than general inflation.

The costs of operations are projected to continue to increase during the Forecast Period due to, among other things, the following:

- a. Inflationary effects on the costs of electricity, chemicals, fuel and other major expenditures for the utility. The Utility has no control over commodity costs that are driven by global market changes.
- b. Increases in wholesale water rates from the Peace River / Manasota Regional Water Supply Authority which supplies a portion of the Utility's water.
- c. Increased labor costs, including additional personnel.

Inflation has continued to be a factor even during economic downturns. The following Exhibit ES-1 indicates recent and historical inflationary trends as reported by the Bureau of Labor Statistics of the United States Department of Labor; the *Engineering News-Record*; and *American City and County*:

Exhibit ES-1: Historical Inflationary Trends

Items	Historical Compound Annual Growth Rate			
	1-Year Change	5-Year Change	10-Year Change	20-Year Change
<u>BUREAU OF LABOR STATISTICS</u>				
CPI – U.S. City Average	1.9%	1.5%	1.8%	2.2%
Electricity – U.S. City Average	0.3%	0.5%	1.0%	2.7%
Fuel-Oil – U.S. City Average	-0.4%	-5.8%	2.6%	6.7%
Water and Sewerage Maintenance Index – U.S. City Average	3.1%	4.0%	5.0%	4.8%
<u>ENGINEERING NEWS-RECORD</u>				
Construction Cost Index	2.5%	3.0%	2.7%	3.2%
<u>AMERICAN CITY AND COUNTY</u>				
Municipal Cost Index	2.0%	1.7%	2.2%	2.7%

- 2. The need to maintain appropriate debt service coverage ratios and adequate operating margins and reserves to fund ongoing capital needs and maintain the financial condition of the System.** A target all-in net revenues debt service coverage ratio of 200% is recommended, and it is proposed that the Utility target an operating (working capital) reserve balance equal to at least 90 to 120 days of rate revenues. Further, a capital replacement and improvement reserve balance equal to at least one (1) year of depreciation expense is recommended to be funded. Over the long-term, GovRates recommends that the Utility target one year days cash on hand (essentially one year of operating expenses excluding depreciation and amortization expenses) for unrestricted cash balances, as this metric is used by rating agencies to determine whether a utility is a strong credit. A stronger credit rating can position the Utility to secure lower interest rates when debt financing high-priority capital improvements for the betterment of the System.

- 3. The need to fund the Utility's multi-year capital improvement program (the "CIP").** The Utility has identified capital costs of approximately \$161.1 million through the Fiscal Year 2029. Over 40% of these identified capital needs are anticipated to be funded through developer contributions or surtaxes. However, the remainder must be funded primarily through capacity fees, user rates, and fund balances. The major capital projects that must be funded by the Utility include:
 - a. Upgrades to treatment and transmission utility infrastructure to continue providing reliable water and wastewater service.
 - b. Replacements or rehabilitations of utility assets reaching the end of their service lives (e.g., water and wastewater mains), including projects to reduce inflow and infiltration.
 - c. Vehicles, equipment, and other departmental capital.

- 4. The need to provide annual funding for ongoing or routine renewal, replacement, and improvement needs.**

The City's existing user rates for water and wastewater service are not anticipated to fully recover the City's projected utility revenue requirements during the Forecast Period. Although rate adjustments have been recognized for each year of the Forecast Period, only the proposed rates for the Fiscal Years 2020 through 2022 are recommended for adoption. The Utility plans to perform another utility rate analysis in two (2) to three (3) years to ensure that the user rates are still sufficient given possible changes in economic conditions, customer usage trends, customer growth, regulatory requirements, etc. Based on the financial forecast, the funding plan for the System, and discussions with City staff, the following Exhibit ES-2 shows the proposed revenue adjustments:

Exhibit ES-2: Summary of Recommended Water and Wastewater User Rate Revenue Adjustments

Fiscal Year	Effective Date	Water System Adjustment	Wastewater System Adjustment	Combined System Adjustment	Increase in Average SFR Customer Monthly Bill [*]	Total Cost Per Gallon of Water and Wastewater Service [*]
2020	October 1, 2019	4.0%	2.0%	3.0%	\$2.20	2.7¢
2021	October 1, 2020	4.0%	2.0%	3.0%	2.27	2.8¢
2022	October 1, 2021	4.0%	2.0%	3.0%	2.31	2.8¢

[*] Based on rates applied to single family residential ("SFR") customer with 3,000 gallons of monthly usage. For a customer with only water service, the monthly increase would be \$1.23 in Fiscal Year 2020, \$1.29 in Fiscal Year 2021, and \$1.32 in Fiscal Year 2022.

These adjustments are considered by the City staff to be representative of the increases in costs to effectively operate and maintain the System given the specific requirements of the System service area. As shown in the preceding table, the first adjustments are recommended to become effective on October 1, 2019.

A summary of the existing and proposed monthly water user rates is shown in Table ES-1 at the end of this executive summary, while Table ES-2 indicates the proposed monthly wastewater user rates. As shown in Table ES-2, a new flat wastewater rate for unmetered service has been developed based on a usage level of 3,000 gallons, the average monthly usage level of a single family residential customer.

As further discussed in Section 2 of this report, the proposed rates produce bills that are competitive with those of other "neighboring" utilities. At a usage level of 3,000 gallons, the average monthly usage level of a single family residential customer as discussed previously, the combined water and wastewater bill under the proposed Fiscal Year 2020 rates would be lower than those of the City of Fort Myers, Charlotte County, the City of Sanibel, the Gasparilla Island Water Association, the City of Venice, DeSoto County, and the City of Marco Island. The proposed Fiscal Year 2020 rates for the City are lower than the existing rates of two of the three other current Peace River customers receiving service.

GovRates recommends that, in the absence of a formal rate analysis recommendation, the City should continue its current practice of automatically increasing monthly rates for water and wastewater service – without a formal rate hearing or analysis – for inflationary effects on the costs of operations. Automatic rate indexing is very common among utilities in the State of Florida and is looked upon favorably by credit rating agencies. Historically, the Miami-Fort Lauderdale Consumer Price Index ("CPI") has been used to index the Utility's rates. However, in 2018, this index was discontinued by the United States Department of Labor's Bureau of Labor Statistics and replaced with a Miami-Fort Lauderdale-West Palm Beach CPI. Based on discussions with City staff and the practices of other utilities, GovRates recommends that the annual index adjustment link to the *Engineering News-Record* ("ENR") Construction Cost Index. As noted in the preceding Exhibit ES-1, the increases in the ENR Construction Cost Index over time have been around 2.5% to 3.0% per year, which approximates the recent annual adjustment needs identified in the Utility's most recent utility rate analyses. As such, the ENR Construction Cost Index is a good match for the System rate indexing.

Sample rate indexing language follows:

In the absence of a formal study recommendation or action by the city commission, the rates, fees, and charges in Sections ____ shall be automatically increased for inflationary effects on the costs of operations – without a public hearing – effective October 1st of each fiscal year. The percentage increase shall be the percentage increase, if any, in the Engineering News-Record Construction Cost Index from December of the calendar year two years prior to the current calendar year to December of the preceding calendar year. The first increases under these provisions, if any, shall become effective on October 1, 2022.

The December-to-December measurement basis discussed above would enable the City to know the annual increases early in the budget process. A price index adjustment clause incorporated into the rate resolution or ordinance provides additional assurance to credit rating agencies and lenders / bondholders that the City's rates will keep up with inflation and, hence, there is less implied risk that the City would default on any debt service payments. Moreover, inflationary adjustments over time help to avoid "rate shock" and larger "catch up" increases. It should be noted that the rate adjustments outlined herein include the annual price index adjustment as a component of the rate increase. As noted in the proposed indexing language, the first annual indexing adjustment is recommended to be implemented on October 1, 2022 unless superseded by another rate analysis recommendation.

The following Exhibit ES-3 shows selected Florida local governments with rate indexing provisions:

Exhibit ES-3: Selected Florida Local Governments with Rate Indexing Provisions

City of Apopka	City of Boca Raton	Charlotte County
City of Chipley	Citrus County	City of Clearwater
City of Coconut Creek	City of Cooper City	Town of Davie
City of Daytona Beach	City of DeLand	City of Dunedin
City of Eustis	City of Fellsmere	Florida Governmental Utility Authority
Florida Keys Aqueduct Authority	City of Fort Lauderdale	City of Fort Myers
Hillsborough County	City of Homestead	City of Jacksonville Beach
Town of Jupiter	Town of Jupiter Island	City of Lake City
Town of Lantana	Town of Mangonia Park	City of Marco Island
City of Margate	City of Miami	City of Miami Beach
City of Mount Dora	City of Naples	City of New Port Richey
City of North Port	City of Oakland	City of Oakland Park
City of Ocoee	City of Oldsmar	City of Orange City
City of Palatka	City of Palm Bay	City of Palmetto
City of Pembroke Pines	City of Plant City	City of Plantation
City of Port St. Lucie	City of St. Augustine	Seminole County
City of South Daytona	City of Stuart	City of Tallahassee
City of Tamarac	City of Tarpon Springs	Village of Tequesta
Volusia County	City of West Palm Beach	City of Winter Garden
City of Winter Haven	City of Winter Park	

ES-2.2: Monthly Water User Rates – Wholesale / Bulk

Wholesale or bulk water rates recover costs up a point of delivery to the wholesale water customer. The wholesale water customer then resells the water to the end user (i.e., retail customers). The City currently has one bulk water customer – Charlotte County.

Table ES-1 shows the existing and proposed bulk water rates. For customers located outside the City, a 15% surcharge is recommended to be applied to the bulk water rate consistent with the outside-City surcharge applied to the Utility's retail customers located outside the City. Florida case law (e.g., *Mohme v. City of Cocoa* 328 So. 2d 422 1976) has supported the right of municipalities to charge up to a 25% outside-City surcharge to recognize the additional costs associated with providing service to customers outside City limits that can be difficult to quantify.

The proposed monthly wholesale / bulk user rates would apply unless alternative rates are established through a contract or agreement.

ES-2.3: Monthly Reclaimed Water Rates

Table ES-3 at the end of this executive summary shows the existing and proposed reclaimed water rates. No change in the existing reclaimed water rate of \$0.55 per 1,000 gallons is proposed. A new bulk reclaimed water rate associated with the West Villages wastewater treatment plant has been developed. The offsite reuse system will be owned, operated, and maintained by the West Villages Improvement District, not the City. The City will be responsible for the onsite system that includes the reclaimed / deep injection well pump, approximately 1,000 linear feet of reclaimed water main, and a meter installed at the property line, and the West Villages bulk reclaimed water rate recovers the costs associated with the City's responsibilities.

The proposed reclaimed water rates are considered competitive with those of other Florida utilities and should not discourage customers from connecting to the reclaimed water system.

ES-2.4: Water and Wastewater Capacity Fees

GovRates performed a review of the water and wastewater capacity fees for the System, which were last reviewed in 2015. Based on our analysis, it is recommended that the capacity fees be decreased to the amounts shown in the following Exhibit ES-4:

Exhibit ES-4: Existing and Proposed Water and Wastewater Capacity Fees Per ERC

System	Existing Fee	Current Study	Difference from Existing	
		Calculation	Amount	Percent
Water	\$ 1,890	\$ 1,872	\$ (18)	-1.0%
Wastewater	2,575	2,213	(362)	-14.1%
Total	\$ 4,465	\$ 4,085	\$ (380)	-8.5%

ERC = Equivalent Residential Connection

The City now has a higher cost per unit of capacity than what was previously calculated due to inflation, new treatment technology, increased government regulations, and changing capital needs. However, the Utility's water and wastewater level of service ("LOS") standards are recommended to be decreased based on a review of historical flows and discussions with the City staff. Specifically, the water LOS standard is recommended to decrease from 250 gallons-per-day (gpd) per ERC to 170 gpd per ERC, while the wastewater LOS is recommended to decrease from 225 gpd per ERC to 155 gpd per ERC. The lower LOS standards are the reason why the capacity fee amounts have decreased. Consistent with the practices of several other utilities, a cost of carry allowance was included in the capacity fee calculations. As discussed in Section 3 of this report, the Utility's relative position on the capacity fee comparison graph would be unchanged with implementation of the lower capacity fees.

ES-2.5: Other / Miscellaneous Water and Wastewater Rates, Fees, and Charges

As part of the utility rate analysis, GovRates reviewed the Utility's:

- Guaranteed revenue charges.
- Fire protection service charges.
- Customer deposits.
- Miscellaneous service charges.

With respect to the guaranteed revenue charges, we recommend that such charges link to the Utility's monthly base charges as shown in Table ES-4 at the end of this executive summary. The purpose of the guaranteed revenue charges is to recover a proportionate share of the System's fixed costs to keep the Utility in a "ready-to-serve" condition prior to connection. It is common for utilities that charge guaranteed revenue charges to link them to the monthly base charges.

Our recommendations with respect to the other / miscellaneous rates, fees, and charges are shown in Table ES-5 at the end of this executive summary. The proposed charges are based on the estimated costs of providing service, City policy, and charges for similar service that are currently imposed by other Florida utilities.

ES-3: Financial Overview

Tables ES-6 and ES-7 following this executive summary provides a financial overview of forecasted System operations. These tables indicate the following for all projected fiscal years, assuming that the projected user rate adjustments for all fiscal years are implemented:

1. Overall or all-in net revenues debt service coverage – net revenues divided by the annual debt service requirement (senior lien plus subordinate lien) – of at least 150% during the initial years of the Forecast Period and increasing above 200% as some of the Utility's existing debt is fully paid. The Utility's rate covenants associated with the System's outstanding debt obligations include a 110% net revenues coverage requirement on the outstanding senior lien obligations and a 115% net revenues coverage

requirement on the outstanding state revolving fund loans. Utility best management practices recognize the need to target coverage ratios greater than the minimum required so that the Utility has sufficient operating margins to fund annual or recurring renewal and replacement capital needs. Revenues remaining after the payment of operating expenses and debt service should be used for these "pay-as-you-go" reinvestments in the System to help ensure that the System remains operationally sustainable and that service interruptions to customers are avoided.

2. Maintenance of adequate operating reserves.
3. Maintenance of affordable rates. Bills for the average residential customer using 3,000 gallons per month are projected to remain below 2% of the City's median household income. According to the Environmental Protection Agency, combined monthly water and wastewater bills less than 4.5% of median household income are considered affordable.

Based on the financial forecast and assuming the implementation of the proposed rate adjustments, the Utility is projected to remain in a good financial position through the Fiscal Year 2029.

The remainder of the report provides additional details regarding the utility financial and rate analysis conducted on behalf of the City, including how the recommended rate adjustments were derived.

Table ES-1

**City of North Port, Florida
Utility Rate Analysis
Water System**

Summary of Existing and Proposed Monthly Water User Rates

Line No.	Description	Existing				Proposed			
		Effective October 1, 2017		Effective October 1, 2019		Effective October 1, 2020		Effective October 1, 2021	
		Inside-City	Outside-City [1]						
WATER SERVICE									
<u>Retail - All Customers</u>									
Base Facility Charge									
1	5/8" x 3/4" Meter	\$ 18.77	\$ 21.58	\$ 19.52	\$ 22.45	\$ 20.30	\$ 23.35	\$ 21.11	\$ 24.28
2	1" Meter	43.72	50.28	45.47	52.29	47.29	54.38	49.18	56.56
3	1-1/2" Meter	85.29	98.09	88.70	102.01	92.25	106.09	95.94	110.33
4	2" Meter	135.21	155.49	140.62	161.71	146.24	168.18	152.09	174.91
5	3" Meter	268.24	308.48	278.97	320.82	290.13	333.65	301.74	347.00
6	4" Meter	417.93	480.62	434.65	499.85	452.04	519.84	470.12	540.63
7	6" Meter	833.73	958.79	867.08	997.14	901.76	1,037.03	937.83	1,078.51
8	8" Meter	1,332.67	1,532.57	1,385.98	1,593.88	1,441.42	1,657.64	1,499.08	1,723.95
9	10" Meter	1,914.75	2,201.97	1,991.34	2,290.04	2,070.99	2,381.64	2,153.83	2,476.91
10	12" Meter	3,577.93	4,114.62	3,721.05	4,279.21	3,869.89	4,450.38	4,024.69	4,628.40
Usage / Volume Charge [2]									
11	Block 1 Per 1,000 Gallons	\$ 4.00	\$ 4.61	\$ 4.16	\$ 4.78	\$ 4.33	\$ 4.97	\$ 4.50	\$ 5.17
12	Block 2 Per 1,000 Gallons	6.00	6.90	6.24	7.18	6.49	7.47	6.75	7.77
13	Block 3 Per 1,000 Gallons	8.43	9.69	8.77	10.09	9.12	10.49	9.48	10.91
14	Block 4 Per 1,000 Gallons	11.24	12.92	11.69	13.44	12.16	13.98	12.65	14.54
15	Block 5 Per 1,000 Gallons	14.43	16.59	15.01	17.26	15.61	17.95	16.23	18.67
16	Block 6 Per 1,000 Gallons	20.06	23.07	20.86	23.99	21.69	24.95	22.56	25.95
<u>Wholesale / Bulk Water Rate</u>									
17	All Consumption Per 1,000 Gallons [1]	\$ 5.01	N/A	\$ 5.09	\$ 5.85	\$ 5.29	\$ 6.08	\$ 5.50	\$ 6.33

Footnotes on following page.

Table ES-1

**City of North Port, Florida
Utility Rate Analysis
Water System**

Summary of Existing and Proposed Monthly Water User Rates

Footnotes:

- [1] A 15% surcharge is applied to customers located outside City limits. A surcharge of up to 50% is allowed by Chapter 180.191 (1) of the Florida Statutes and is applied by many municipalities throughout Florida that provide water and wastewater service outside the municipal boundaries.
- [2] The price blocks for both the existing and the proposed rates are defined as follows:

<u>Meter Size</u>	<u>Consumption Block - Up To Or Next</u>					
	<u>Block 1</u>	<u>Block 2</u>	<u>Block 3</u>	<u>Block 4</u>	<u>Block 5</u>	<u>Block 6</u>
5/8" x 3/4"	4,000	8,000	12,000	16,000	20,000	Over 20,000
1"	10,000	20,000	30,000	40,000	50,000	Over 50,000
1-1/2"	20,000	40,000	60,000	80,000	100,000	Over 100,000
2"	32,000	64,000	96,000	128,000	160,000	Over 160,000
3"	64,000	128,000	192,000	256,000	320,000	Over 320,000
4"	100,000	200,000	300,000	400,000	500,000	Over 500,000
6"	200,000	400,000	600,000	800,000	1,000,000	Over 1,000,000
8"	320,000	640,000	960,000	1,280,000	1,600,000	Over 1,600,000
10"	460,000	920,000	1,380,000	1,840,000	2,300,000	Over 2,300,000
12"	860,000	1,720,000	2,580,000	3,440,000	4,300,000	Over 4,300,000

Table ES-2

**City of North Port, Florida
Utility Rate Analysis
Wastewater System**

Summary of Existing and Proposed Monthly Wastewater Rates

Line No.	Existing				Proposed				
	Effective October 1, 2017		Effective October 1, 2019		Effective October 1, 2020		Effective October 1, 2021		
	Inside-City	Outside-City [1]	Inside-City	Outside-City [1]	Inside-City	Outside-City [1]	Inside-City	Outside-City [1]	
WASTEWATER SERVICE									
<u>Residential Customers</u>									
Base Facility Charge									
1	All Meters	\$ 28.92	\$ 33.26	\$ 29.50	\$ 33.93	\$ 30.09	\$ 34.61	\$ 30.69	\$ 35.30
2	Flat Rate for Unmetered Service [2]	N/A	N/A	48.76	56.07	49.74	57.20	50.73	58.34
<u>Commercial and Master-Metered Customers</u>									
Base Facility Charge									
3	3/4" Meter or Smaller	\$ 28.92	\$ 33.26	\$ 29.50	\$ 33.93	\$ 30.09	\$ 34.61	\$ 30.69	\$ 35.30
4	1" Meter	72.34	83.19	73.79	84.86	75.27	86.56	76.78	88.29
5	1-1/2" Meter	144.67	166.37	147.56	169.69	150.51	173.08	153.52	176.54
6	2" Meter	231.49	266.21	236.12	271.54	240.84	276.97	245.66	282.51
7	3" Meter	462.97	532.42	472.23	543.06	481.67	553.92	491.30	565.00
8	4" Meter	723.39	831.90	737.86	848.54	752.62	865.51	767.67	882.82
9	6" Meter	1,446.78	1,663.79	1,475.72	1,697.08	1,505.23	1,731.02	1,535.33	1,765.64
10	8" Meter	2,314.84	2,662.07	2,361.14	2,715.31	2,408.36	2,769.62	2,456.53	2,825.01
11	10" Meter	3,327.60	3,826.73	3,394.15	3,903.27	3,462.03	3,981.34	3,531.27	4,060.97
12	12" Meter	6,221.14	7,154.31	6,345.56	7,297.39	6,472.47	7,443.34	6,601.92	7,592.21
Usage / Volume Charge [3]									
13	All Consumption Per 1,000 Gallons	\$ 6.29	\$ 7.23	\$ 6.42	\$ 7.38	\$ 6.55	\$ 7.53	\$ 6.68	\$ 7.68

Footnotes:

- [1] A 15% surcharge is applied to customers located outside City limits. A surcharge of up to 50% is allowed by Chapter 180.191 (1) of the Florida Statutes and is applied by many municipalities throughout Florida that provide water and wastewater service outside the municipal boundaries.
- [2] Flat rate derived from base facility charge plus 3,000 gallons of use.
- [3] Monthly individually metered residential usage charges are capped at 12,000 gallons.

Table ES-3

City of North Port, Florida
Utility Rate Analysis

Summary of Existing and Proposed Reclaimed Water Rates

Line No.	Description	Existing	Proposed
Reclaimed Water Rate:			
1	Reclaimed Water Rate Per 1,000 Gallons of Usage	\$0.55	\$0.55
2	West Villages Bulk Reclaimed Water Rate Per 1,000 Gallons of Usage	N/A	\$0.21

Table ES-4

City of North Port, Florida
Utility Rate Analysis

Summary of Existing and Proposed Annual Guaranteed Revenue Charges Per Equivalent Residential Connection

Line No.	Description	Existing	Proposed
<i>Guaranteed Revenue Charges:</i>			
1	Annual Water Guaranteed Revenue Charge Per Equivalent Residential Connection	\$205.00	Monthly Water Base Charge * 12 Months, Rounded to Nearest Dollar
2	Annual Wastewater Guaranteed Revenue Charge Per Equivalent Residential Connection	\$190.00	Monthly Wastewater Base Charge * 12 Months, Rounded to Nearest Dollar

Table ES-5

**City of North Port, Florida
Utility Rate Analysis**

Summary of Proposed Adjustments to Other / Miscellaneous Rates, Fees, and Charges

Line No.	Description	Existing	Proposed
Customer Deposits:			
<u>Customer Deposit - Water</u>			
	Residential	<u>Meter Size</u>	
1		5/8" or 3/4"	\$65.00
2		1"	170.00
3		1 1/2"	330.00
4		2"	520.00
	Commercial and Multi-Family	<u>Meter Size</u>	
5		5/8" or 3/4"	\$65.00
6		1"	170.00
7		1 1/2"	330.00
8		2"	520.00
9		Over 2"	Estimated 2 months billing
	Construction Meters:	<u>Meter Size</u>	
10	Temporary Service in Ground	5/8" or 3/4"	\$350.00
11	Temporary Service to Hydrant	5/8" or 3/4"	350.00
12		2"	805.00
13		3"	1,320.00
			Actual Cost of Construction Meter
			Actual Cost of Construction Meter
<u>Customer Deposit - Wastewater</u>			
	Residential	<u>Meter Size</u>	
14		5/8" or 3/4"	\$95.00
15		1"	95.00
16		1 1/2"	95.00
17		2"	95.00
	Commercial and Multi-Family	<u>Meter Size</u>	
18		5/8" or 3/4"	\$95.00
19		1"	240.00
20		1 1/2"	475.00
21		2"	760.00
22		Over 2"	Estimated 2 months billing
Account Fees:			
23	Initiation of Service (Activation)		\$45.00
24	Customer Request Meter Reread Fee	\$35.00 if meter is correct	\$40.00 if meter is correct
25	Premise Visit - No Water Call	\$15.00	\$30.00
Meter Installation Fees:			
26	3/4" Meter Installation, No Tap	\$270.00	\$280.00
27	3/4" Meter Installation with Tap, Short	\$740.00	
28	3/4" Meter Installation with Tap, Long	\$1,150.00	
29	3/4" Meter Installation with Tap		\$945.00

Table ES-5

City of North Port, Florida
Utility Rate Analysis

Summary of Proposed Adjustments to Other / Miscellaneous Rates, Fees, and Charges

Line No.	Description	Existing	Proposed
Meter Installation Fees: (cont.)			
30	1" Meter Installation, No Tap	\$320.00	\$365.00
31	1" Meter Installation with Tap, Short	\$795.00	
32	1" Meter Installation with Tap, Long	\$1,205.00	
33	1" Meter Installation with Tap		\$1,000.00
34	1-1/2" Meter Installation, No Tap	\$450.00	\$520.00
35	1-1/2" Meter Installation with Tap, Short	\$1,200.00	
36	1-1/2" Meter Installation with Tap, Long	\$1,540.00	
37	1-1/2" Meter Installation with Tap		\$1,370.00
38	2" Meter Installation, No Tap	\$535.00	\$665.00
39	2" Meter Installation with Tap, Short	\$1,305.00	
40	2" Meter Installation with Tap, Long	\$1,640.00	
41	2" Meter Installation with Tap		\$1,550.00
Test Fees:			
42	Fire Flow Test, Per Test	\$120.00	\$130.00
43	Force Main Pressure Test Fee, Per Test	\$95.00	\$115.00
Backflow Fees:			
44	Certification	Actual Charges + \$7.00 Administrative Fee	Actual Charges + \$12.00 Administrative Fee
45	Repairs	Actual Charges up to \$150.00 + \$5.00 Administrative Fee	Actual Charges up to \$150.00 + \$25.00 Administrative Fee
46	Replacement	Actual Charges + \$20.00 Administrative Fee	Actual Charges + \$25.00 Administrative Fee
47	Installation for Homes Based on Degree of Hazard - One Time Payment	Actual Charges + \$20.00 Administrative Fee	Actual Charges + \$30.00 Administrative Fee
48	Installation for Homes Based on Degree of Hazard - Installment Payment Plan	Actual Charges + \$20.00 Administrative Fee + \$50.00 Installment Payment Plan Fee	Actual Charges + \$30.00 Administrative Fee + \$50.00 Installment Payment Plan Fee
Miscellaneous Fees:			
49	Duplicate Bill Fee	\$0.50 per duplicate bill	\$3.50 per duplicate bill; No charge for electronic duplicate bill
50	Duplicate Notice Fee	\$0.50 per duplicate notice	\$3.50 per duplicate notice; No charge for electronic duplicate notice

Table ES-5

City of North Port, Florida
Utility Rate Analysis

Summary of Proposed Adjustments to Other / Miscellaneous Rates, Fees, and Charges

Line No.	Description	Existing	Proposed
Fire Protection Charges:			
			<u>Effective October 1, 2019</u>
51	1-1/2" Meter	\$84.00	\$89.00
52	2" Meter	133.00	141.00
53	3" Meter	263.00	279.00
54	4" Meter	410.00	435.00
55	6" Meter	818.00	868.00
56	8" Meter	1,308.00	1,386.00
57	10" Meter	1,879.00	1,992.00
58	12" Meter	3,511.00	3,722.00
59	Hydrant	818.00	868.00
			<u>Effective October 1, 2020</u>
60	1-1/2" Meter		\$93.00
61	2" Meter		147.00
62	3" Meter		291.00
63	4" Meter		453.00
64	6" Meter		902.00
65	8" Meter		1,442.00
66	10" Meter		2,071.00
67	12" Meter		3,870.00
68	Hydrant		902.00
			<u>Effective October 1, 2021</u>
69	1-1/2" Meter		\$96.00
70	2" Meter		153.00
71	3" Meter		302.00
72	4" Meter		471.00
73	6" Meter		938.00
74	8" Meter		1,500.00
75	10" Meter		2,154.00
76	12" Meter		4,025.00
77	Hydrant		938.00



Table ES-6

City of North Port, Florida
Utility Rate Analysis

Water and Wastewater System Financial Overview

High-Level Summary	Fiscal Year Ending September 30,											
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Identified Revenue Adjustments												
Water System	0.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Wastewater System	0.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Combined System	0.00%	2.97%	2.97%	2.98%	2.99%	3.00%	3.01%	3.02%	3.02%	3.03%	3.04%	3.04%
Effective Months	12	12	12	12	12	12	12	12	12	12	12	12
Unrestricted Cash Balance (\$ 000's)	\$ 22,221	\$ 13,237	\$ 14,218	\$ 13,496	\$ 12,984	\$ 14,034	\$ 13,778	\$ 14,579	\$ 16,328	\$ 18,292	\$ 21,034	\$ 21,034
One Year Days Cash on Hand	16,217	17,482	18,816	20,015	21,193	22,090	23,028	24,006	25,026	26,091	27,187	27,187
120 Days Rate Rev Plus One Year Depr	11,255	11,620	12,000	12,398	12,813	13,247	13,700	14,173	14,667	15,182	15,721	15,721
90 Days Rate Rev Plus One Year Depr	9,590	9,863	10,149	10,447	10,758	11,083	11,423	11,778	12,148	12,535	12,939	12,939
All-In Net Revenues Debt Coverage	182%	173%	166%	167%	253%	270%	192%	204%	217%	231%	246%	246%
Revenue Surplus / (Deficiency) (\$ 000's):												
Water System	\$ (1,940)	\$ (6,094)	\$ 1,176	\$ 164	\$ (839)	\$ (433)	\$ (1,781)	\$ (697)	\$ 15	\$ 73	\$ 679	\$ 679
Wastewater System	(536)	(3,234)	(1,416)	(324)	17	1,139	1,176	1,163	1,411	1,582	1,769	1,769
Combined System	(2,476)	(9,329)	(240)	(160)	(822)	706	(605)	466	1,426	1,655	2,448	2,448
Monthly Bill @ 3,000 Gallons	\$ 78.56	\$ 80.76	\$ 83.03	\$ 85.34	\$ 87.72	\$ 90.22	\$ 92.76	\$ 95.38	\$ 98.08	\$ 100.90	\$ 103.80	\$ 103.80
Increase		2.20	2.27	2.31	2.38	2.50	2.54	2.62	2.70	2.82	2.90	2.90
Cost Per Gallon of Total Bill	\$ 0.026	\$ 0.027	\$ 0.028	\$ 0.028	\$ 0.029	\$ 0.030	\$ 0.031	\$ 0.032	\$ 0.033	\$ 0.034	\$ 0.035	\$ 0.035
Percent of MHI (Target < 2%)	1.72%	1.75%	1.77%	1.79%	1.81%	1.84%	1.86%	1.89%	1.91%	1.94%	1.96%	1.96%

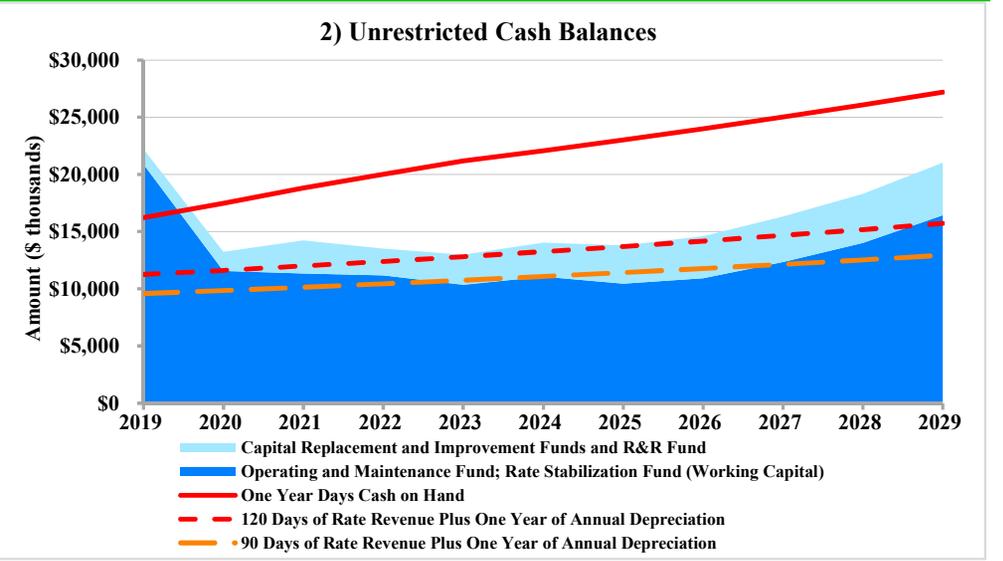
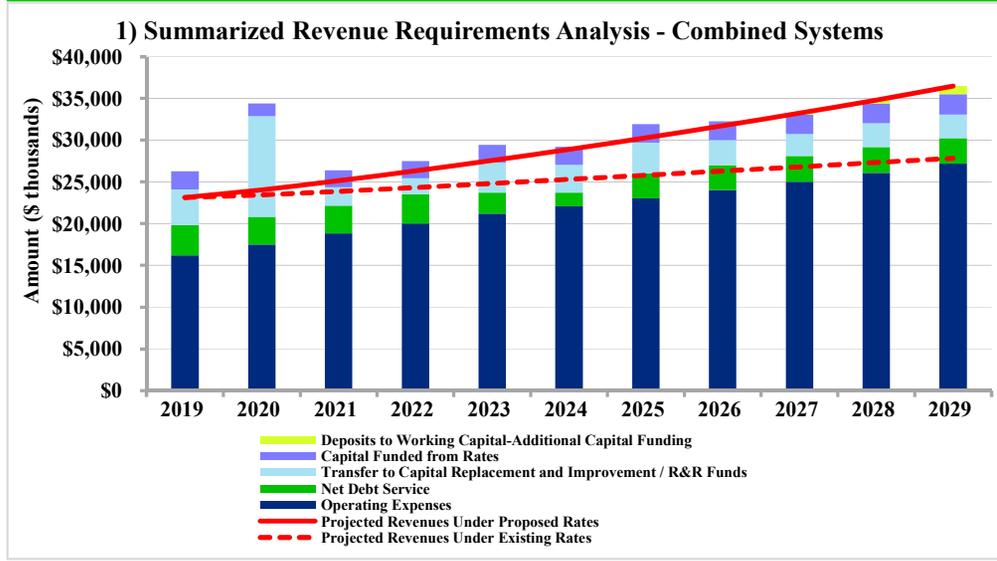




Table ES-6

City of North Port, Florida
Utility Rate Analysis

Water and Wastewater System Financial Overview

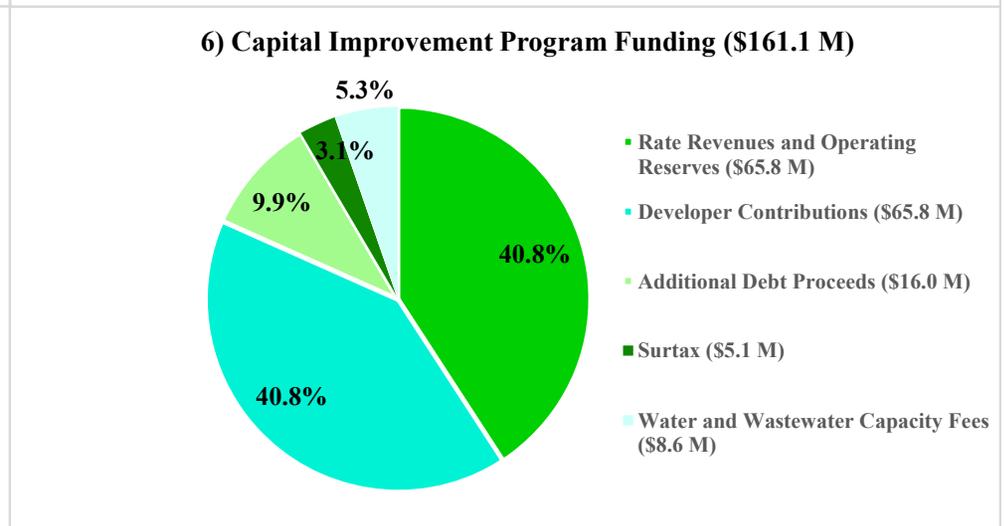
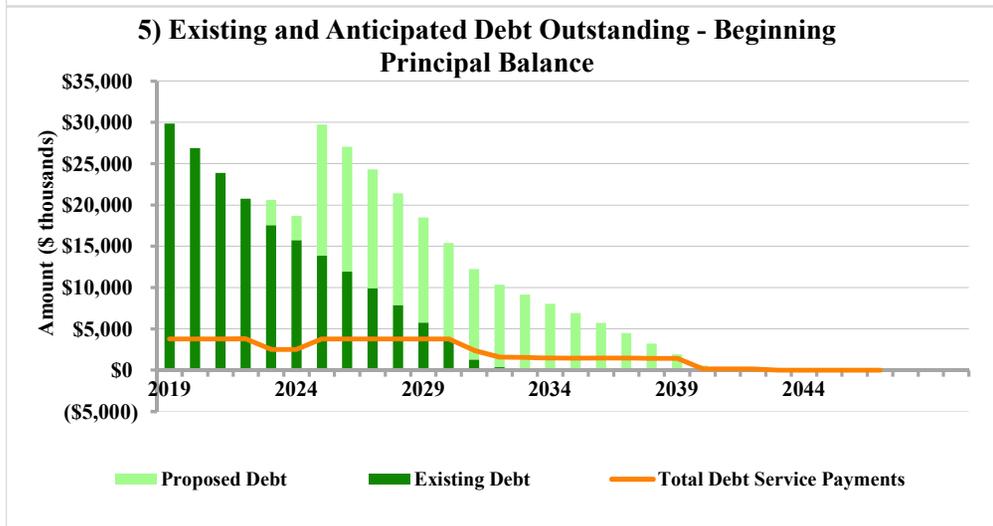
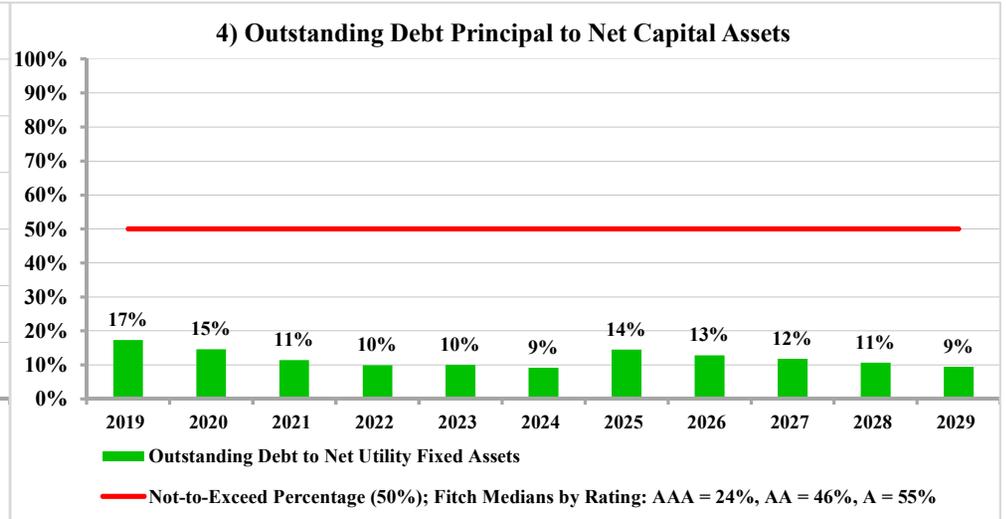
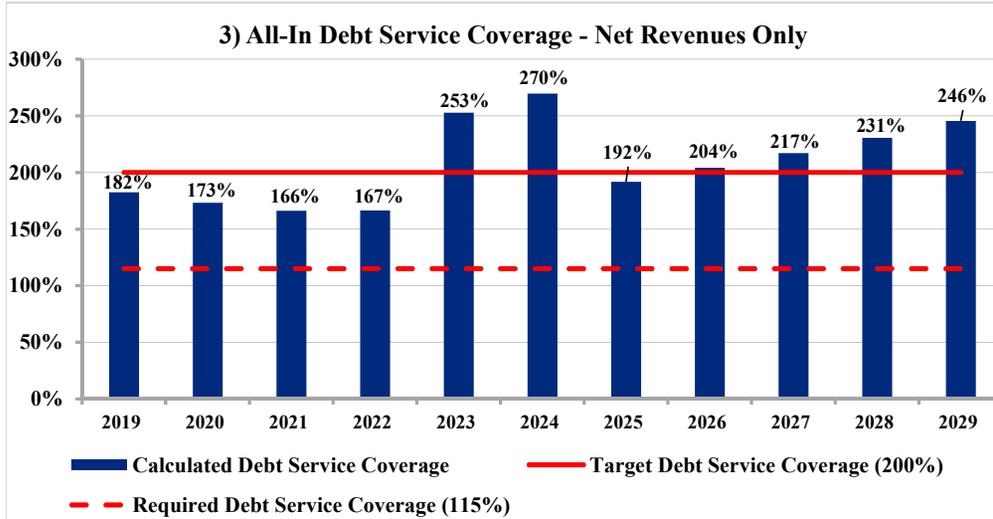


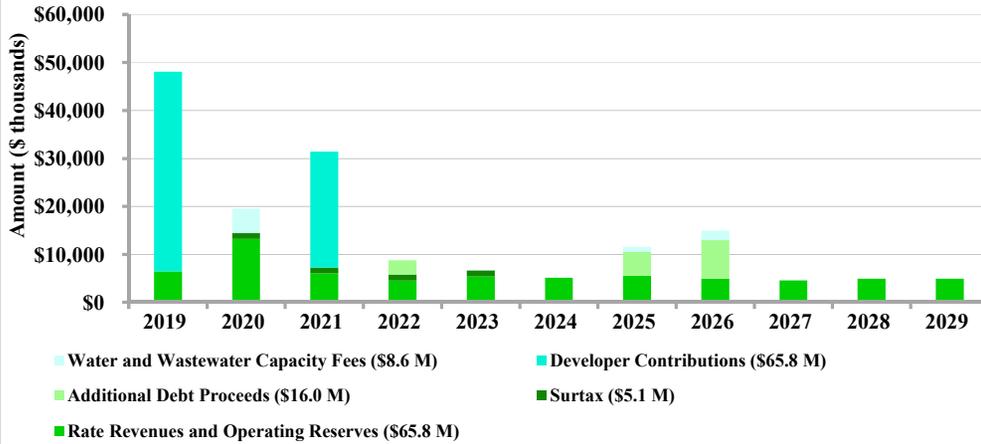


Table ES-6

City of North Port, Florida
Utility Rate Analysis

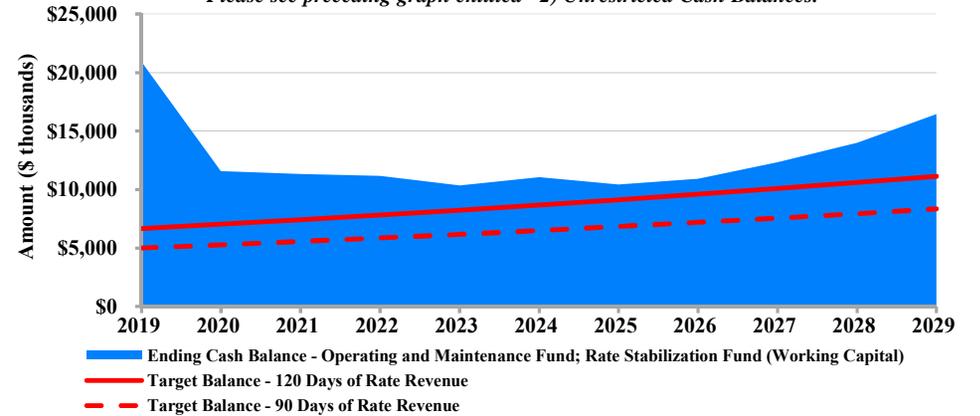
Water and Wastewater System Financial Overview

7) Funding of Capital Improvement Program by Fiscal Year (\$161.1 M)

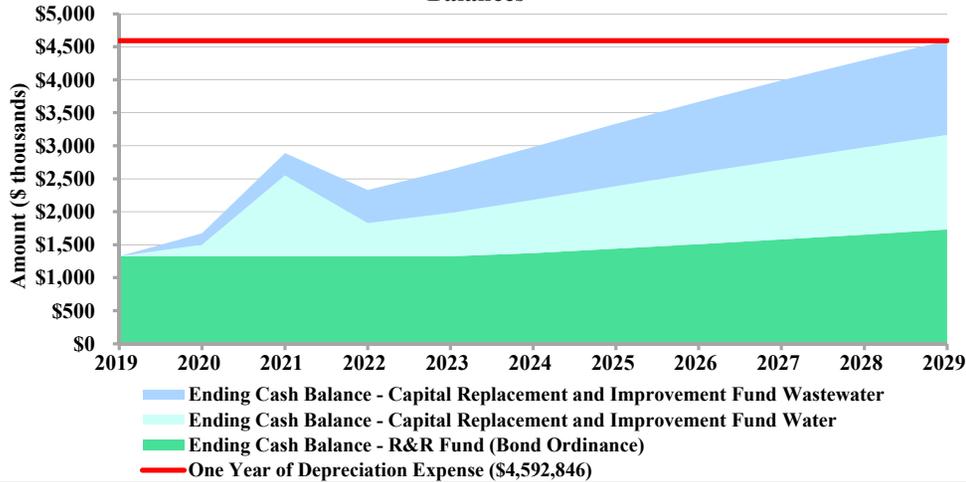


8) Available Year-End Working Capital Cash Balance

Working capital is a component of overall unrestricted cash balances. Please see preceding graph entitled "2) Unrestricted Cash Balances."



9) Available Year-End Capital Replacement and R&R Fund Cash Balances



10) Free Cash as a % of Depreciation

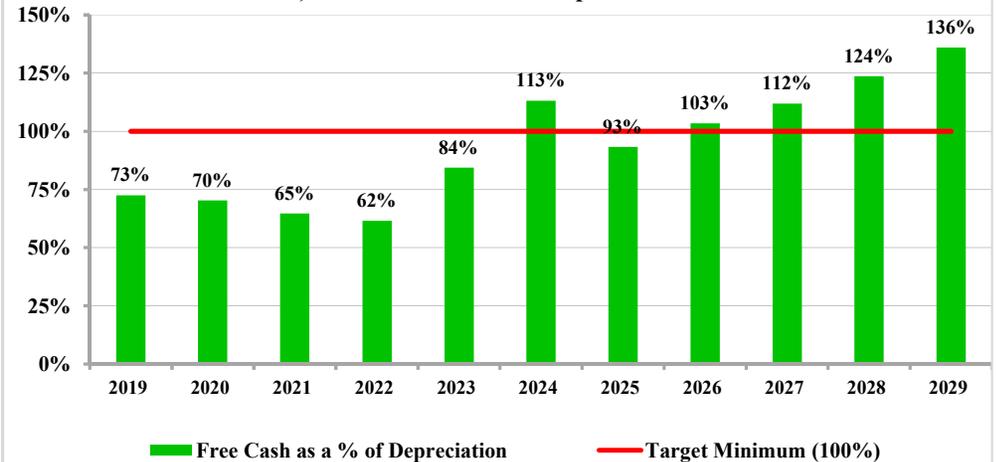




Table ES-6

City of North Port, Florida
Utility Rate Analysis

Water and Wastewater System Financial Overview

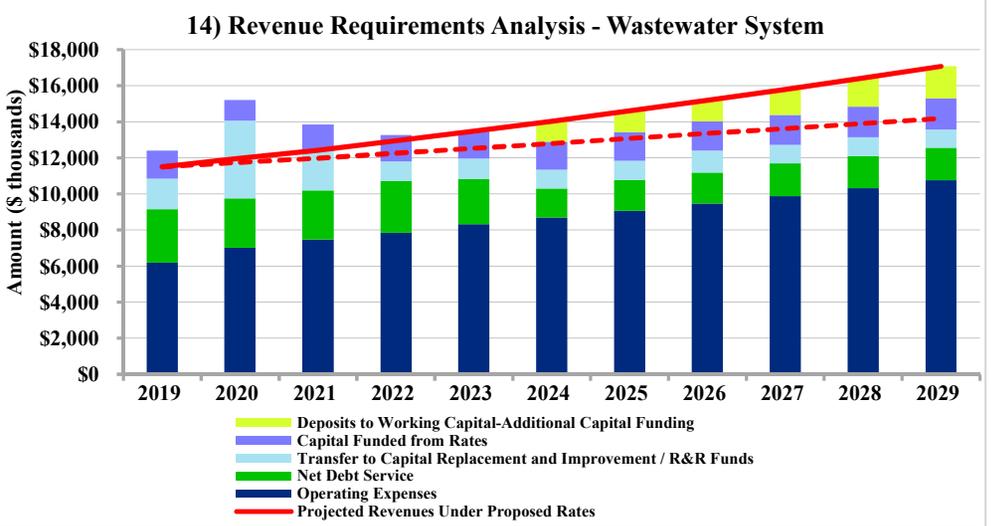
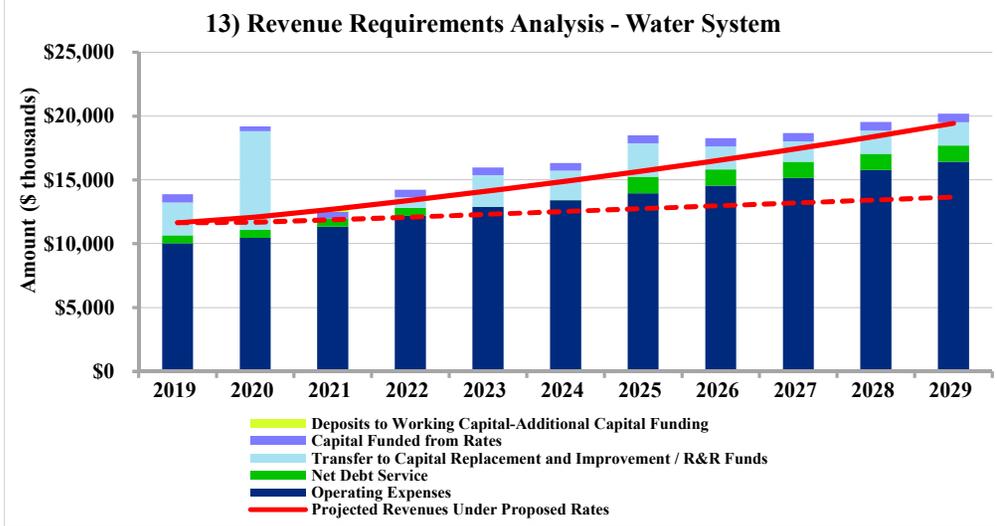
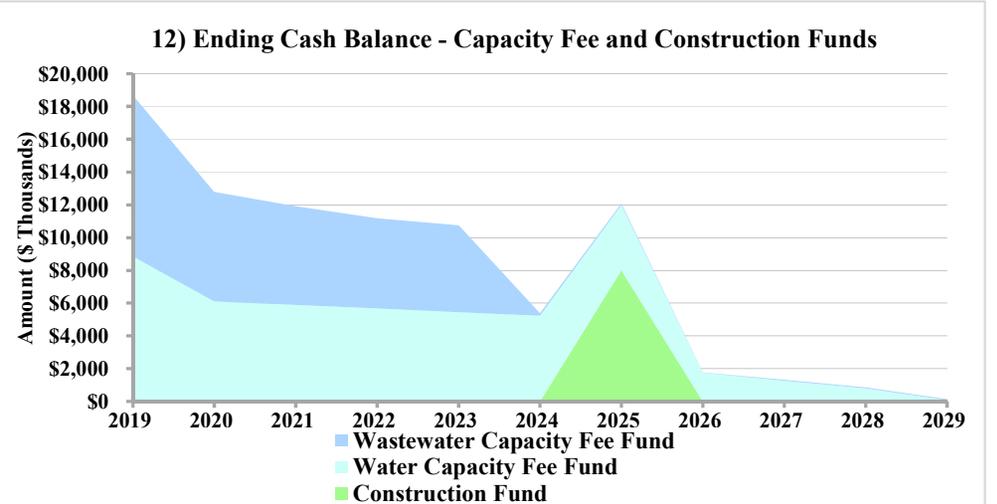
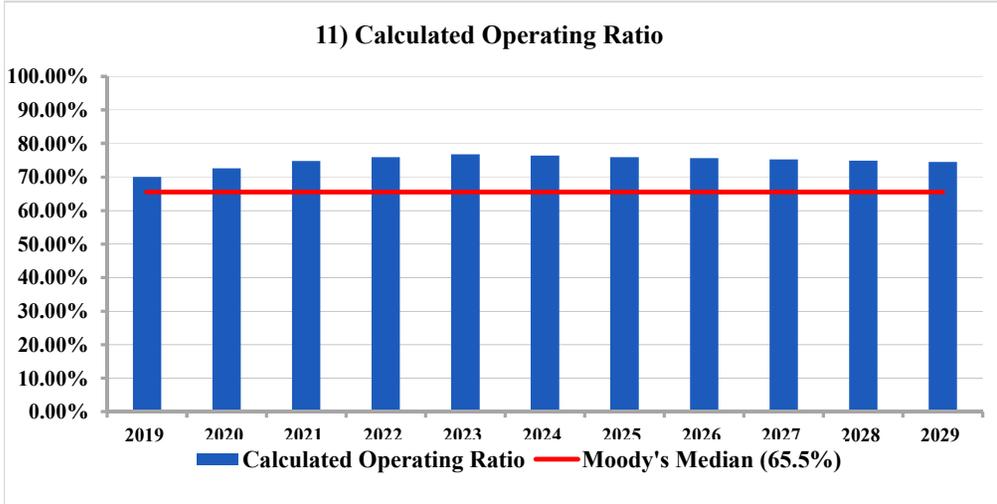




Table ES-6

City of North Port, Florida
Utility Rate Analysis

Water and Wastewater System Financial Overview

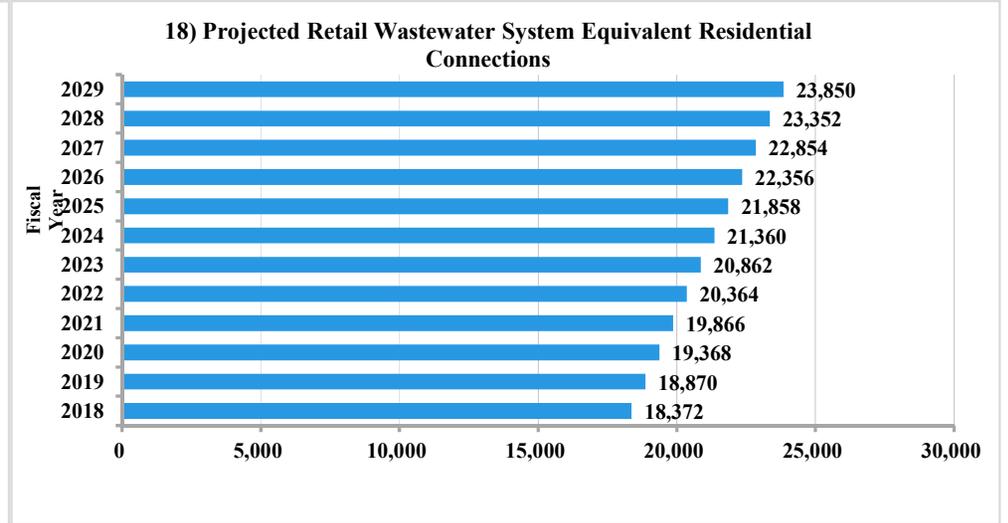
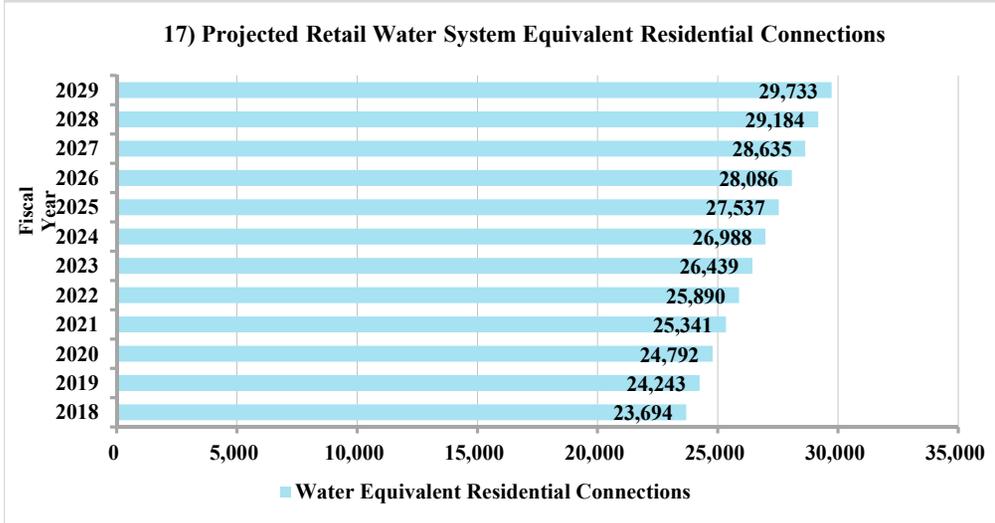
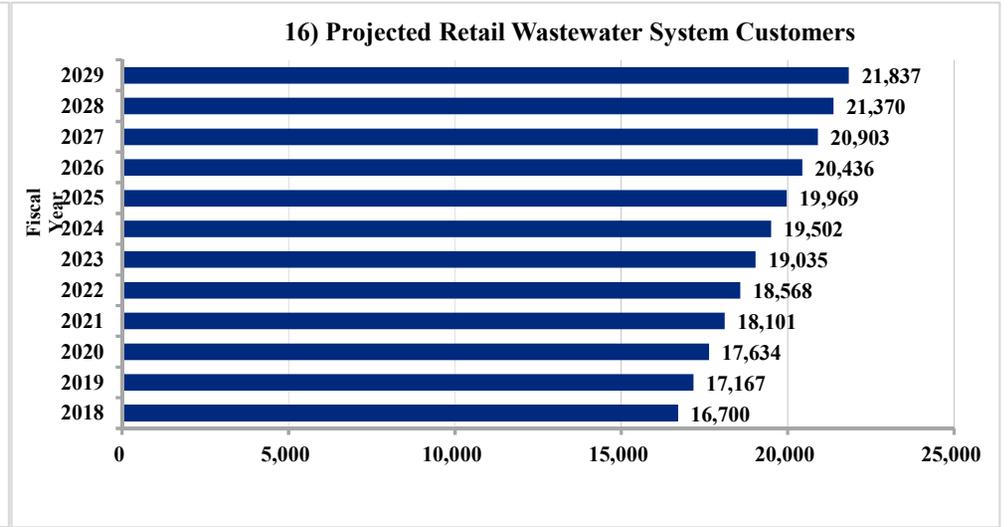
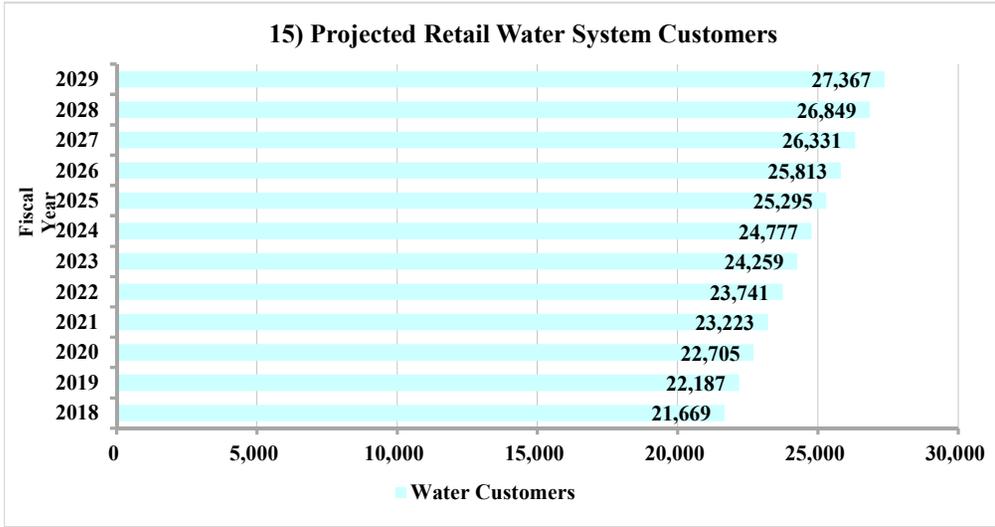




Table ES-6

City of North Port, Florida
Utility Rate Analysis

Water and Wastewater System Financial Overview

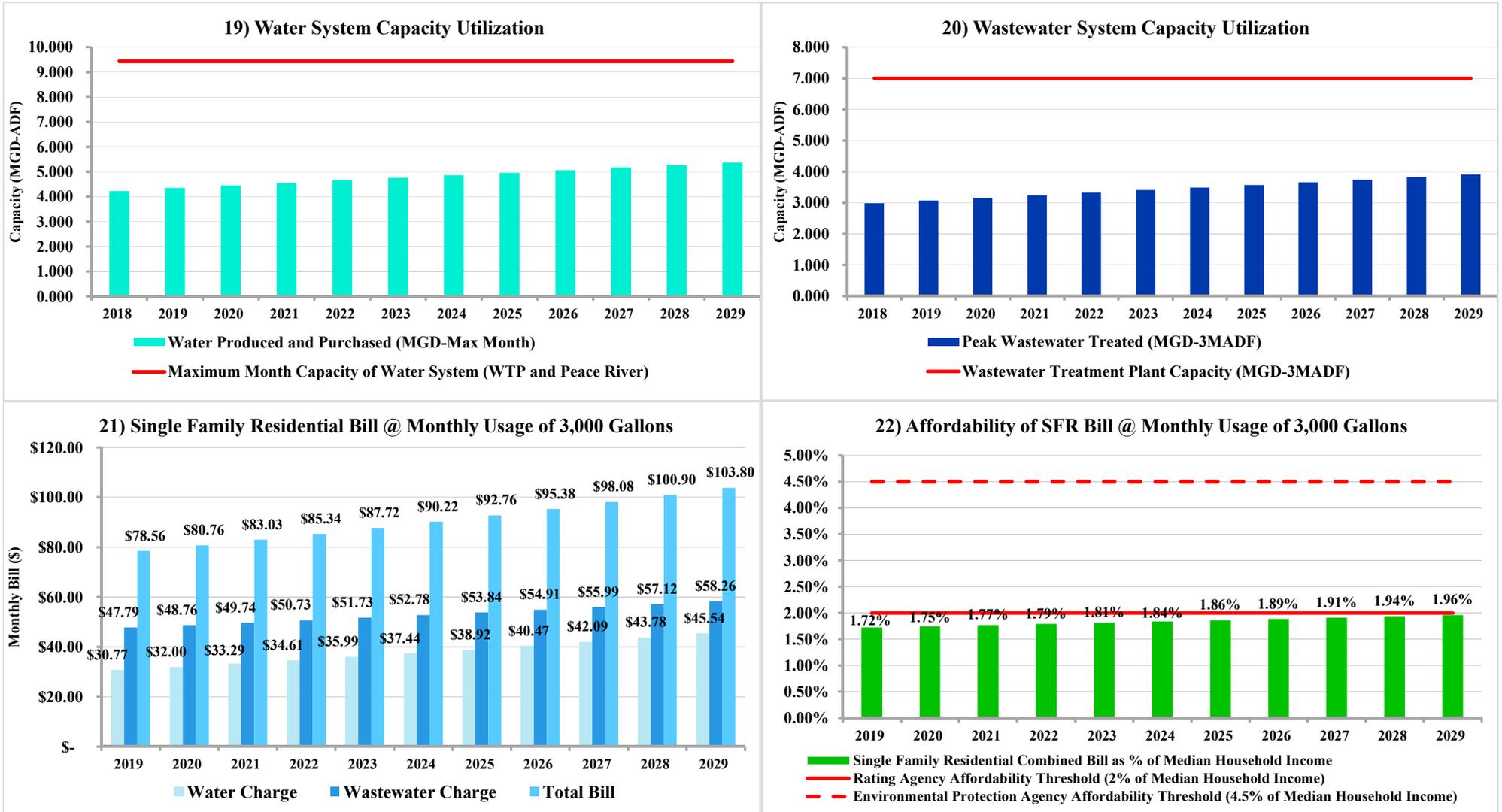


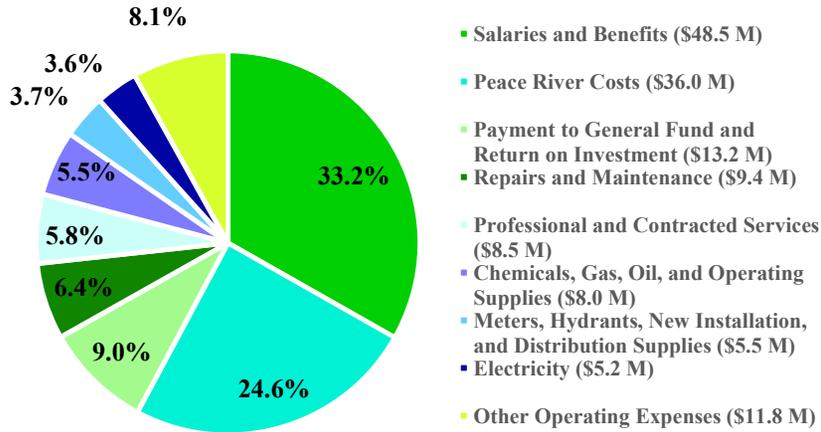


Table ES-6

City of North Port, Florida
Utility Rate Analysis

Water and Wastewater System Financial Overview

23) Water: 11-Year Summary of Projected Operating Expenses



24) Wastewater: 11-Year Summary of Projected Operating Expenses

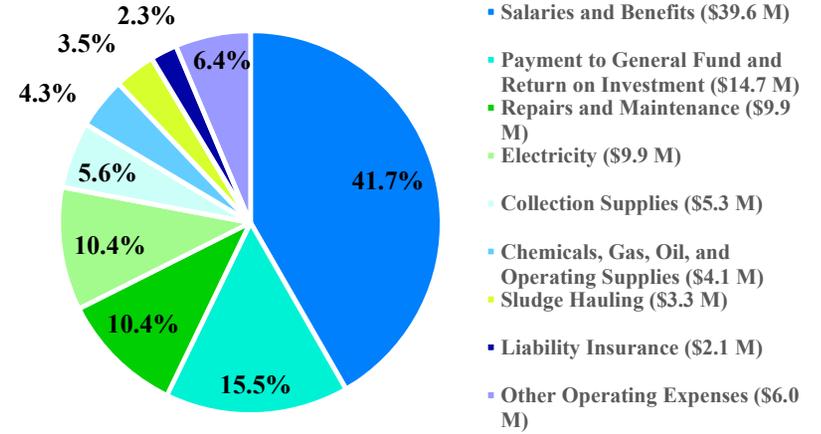




Table ES-7
City of North Port, Florida
Water and Wastewater System
Multi-Year Financial Projections

High-Level Summary	Actual FY	Fiscal Year Ending September 30,											
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Operating Revenue													
User Rate Revenue - Retail													
Water User Rate Revenue Before Current Year Adjustment			\$ 10,027,866	\$ 10,657,674	\$ 11,321,881	\$ 12,022,088	\$ 12,760,196	\$ 13,538,203	\$ 14,358,010	\$ 15,221,717	\$ 16,131,525	\$ 17,089,732	
Additional User Rate Increase - Water			4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Total Water User Rate Revenue	\$ 9,588,052	\$ 9,807,959	\$ 10,428,966	\$ 11,083,974	\$ 11,774,781	\$ 12,502,988	\$ 13,270,596	\$ 14,079,703	\$ 14,932,310	\$ 15,830,617	\$ 16,776,825	\$ 17,773,332	
Wastewater User Rate Revenue Before Current Year Adjustment			\$ 10,729,990	\$ 11,223,079	\$ 11,731,468	\$ 12,255,857	\$ 12,796,446	\$ 13,353,835	\$ 13,928,325	\$ 14,520,414	\$ 15,130,703	\$ 15,759,592	
Additional User Rate Increase - Wastewater			2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Total Wastewater User Rate Revenue	\$ 10,184,012	\$ 10,457,001	\$ 10,944,590	\$ 11,447,579	\$ 11,966,068	\$ 12,500,957	\$ 13,052,346	\$ 13,620,935	\$ 14,206,925	\$ 14,810,814	\$ 15,433,303	\$ 16,074,792	
Total User Rate Revenue - Retail	\$ 19,772,064	\$ 20,264,960	\$ 21,373,557	\$ 22,531,553	\$ 23,740,849	\$ 25,003,946	\$ 26,322,942	\$ 27,700,638	\$ 29,139,235	\$ 30,641,431	\$ 32,210,127	\$ 33,848,124	
Other Operating Revenue	\$ 2,386,433	\$ 2,602,210	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634
Bulk Water	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134
TOTAL OPERATING REVENUE	\$ 22,180,632	\$ 22,889,304	\$ 23,829,325	\$ 24,987,321	\$ 26,196,617	\$ 27,459,714	\$ 28,778,710	\$ 30,156,406	\$ 31,595,003	\$ 33,097,199	\$ 34,665,896	\$ 36,303,892	
Operating Expenses													
Water Operating Expenses		\$ 10,030,773	\$ 10,457,106	\$ 11,335,199	\$ 12,170,557	\$ 12,872,930	\$ 13,403,905	\$ 13,959,628	\$ 14,538,933	\$ 15,142,836	\$ 15,772,394	\$ 16,419,365	
Wastewater Operating Expenses		6,185,867	7,025,089	7,480,532	7,844,267	8,320,132	8,686,588	9,068,231	9,466,914	9,883,408	10,318,516	10,767,179	
TOTAL OPERATING EXPENSES [1]	\$ 14,653,042	\$ 16,216,639	\$ 17,482,196	\$ 18,815,730	\$ 20,014,824	\$ 21,193,062	\$ 22,090,493	\$ 23,027,859	\$ 24,005,847	\$ 25,026,243	\$ 26,090,910	\$ 27,186,544	
Percent Change		10.7%	7.8%	7.6%	6.4%	5.9%	4.2%	4.2%	4.2%	4.3%	4.3%	4.2%	
Operating Revenues Less Operating Expenses	\$ 7,527,589	\$ 6,672,665	\$ 6,347,129	\$ 6,171,591	\$ 6,181,794	\$ 6,266,652	\$ 6,688,217	\$ 7,128,548	\$ 7,589,156	\$ 8,070,956	\$ 8,574,985	\$ 9,117,348	
Non-Operating Revenue													
Unrestricted Interest Income	\$ 226,751	\$ 256,462	\$ 233,435	\$ 147,978	\$ 148,871	\$ 142,841	\$ 137,892	\$ 151,568	\$ 148,933	\$ 156,883	\$ 174,313	\$ 193,867	
Net Revenue Available for Debt Service	\$ 7,754,340	\$ 6,929,127	\$ 6,580,564	\$ 6,319,568	\$ 6,330,665	\$ 6,409,493	\$ 6,826,109	\$ 7,280,116	\$ 7,738,089	\$ 8,227,839	\$ 8,749,298	\$ 9,311,215	
City Debt Service													
Existing Debt Service - Principal and Interest		\$ 3,797,774	\$ 3,799,995	\$ 3,801,569	\$ 3,801,969	\$ 2,347,727	\$ 2,345,977	\$ 2,348,227	\$ 2,344,227	\$ 2,344,227	\$ 2,347,977	\$ 2,345,227	
New Debt Service - Principal and Interest		-	-	-	-	186,222	186,222	1,445,898	1,445,898	1,445,898	1,445,898	1,445,898	1,445,898
Less Capacity / Impact Fees Used for City Growth-Related Debt Service		200,000	450,000	450,000	300,000	-	900,000	800,000	800,000	700,000	725,000	725,000	
NET DEBT SERVICE	\$ 3,597,774	\$ 3,349,995	\$ 3,351,569	\$ 3,501,969	\$ 2,533,949	\$ 1,632,199	\$ 2,994,124	\$ 2,990,124	\$ 3,090,124	\$ 3,068,874	\$ 3,066,124	\$ 3,066,124	
Capacity / Impact Fees Used for Peace River Growth-Related Debt Service	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,225,000	\$ 1,200,000	\$ 1,450,000	
Grant Reimbursements	\$ 662,532	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Peace River Project Savings (Transfer In)	\$ -	\$ -	\$ 3,057,489	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Revenue Available for Capital Rehabilitations / Improvements	\$ 3,993,885	\$ 4,230,569	\$ 7,025,489	\$ 3,828,696	\$ 4,875,544	\$ 6,193,910	\$ 5,285,992	\$ 5,747,964	\$ 6,362,715	\$ 6,880,423	\$ 7,695,090	\$ 7,695,090	
Capital Expenditures													
Capital Program as Scheduled													
Capital Projects - Water	\$ 2,567,084	\$ 10,773,114	\$ 26,831,458	\$ 2,266,810	\$ 3,019,583	\$ 2,164,395	\$ 8,498,317	\$ 11,679,074	\$ 1,482,045	\$ 1,717,116	\$ 1,712,174	\$ 1,712,174	
Capital Projects - Wastewater	43,349,844	7,264,000	2,663,800	4,508,850	1,616,650	875,000	890,000	1,062,500	875,000	890,000	875,000	875,000	
Departmental Capital - Water	662,029	368,330	566,897	581,069	595,596	609,890	623,918	638,268	652,948	667,966	683,997	683,997	
Departmental Capital - Wastewater	1,540,541	1,136,868	1,435,750	1,471,644	1,508,435	1,544,637	1,580,164	1,616,508	1,653,688	1,691,722	1,732,324	1,732,324	
Total Capital Program as Scheduled	\$ 48,119,498	\$ 19,542,312	\$ 31,497,905	\$ 8,228,373	\$ 6,740,264	\$ 5,193,923	\$ 11,592,399	\$ 14,996,349	\$ 4,663,681	\$ 4,966,804	\$ 5,003,495	\$ 5,003,495	



Table ES-7
City of North Port, Florida
Water and Wastewater System
Multi-Year Financial Projections

High-Level Summary	Actual FY	Fiscal Year Ending September 30,										
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Adjustments												
Capital Projects - Water	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Projects - Wastewater	-	-	-	-	-	-	-	-	-	-	-	-
Departmental Capital - Water	-	-	-	-	-	-	-	-	-	-	-	-
Departmental Capital - Wastewater	-	-	-	-	-	-	-	-	-	-	-	-
Total Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Projects as Adjusted												
Capital Projects - Water	\$ 2,567,084	\$ 10,773,114	\$ 26,831,458	\$ 2,266,810	\$ 3,019,583	\$ 2,164,395	\$ 8,498,317	\$ 11,679,074	\$ 1,482,045	\$ 1,717,116	\$ 1,712,174	\$ 1,712,174
Capital Projects - Wastewater	43,349,844	7,264,000	2,663,800	4,508,850	1,616,650	875,000	890,000	1,062,500	875,000	890,000	875,000	875,000
Departmental Capital - Water	662,029	368,330	566,897	581,069	595,596	609,890	623,918	638,268	652,948	667,966	683,997	683,997
Departmental Capital - Wastewater	1,540,541	1,136,868	1,435,750	1,471,644	1,508,435	1,544,637	1,580,164	1,616,508	1,653,688	1,691,722	1,732,324	1,732,324
ADJUSTED CAPITAL EXPENDITURES	\$ 48,119,498	\$ 19,542,312	\$ 31,497,905	\$ 8,828,373	\$ 6,740,264	\$ 5,193,923	\$ 11,592,399	\$ 14,996,349	\$ 4,663,681	\$ 4,966,804	\$ 5,003,495	\$ 5,003,495
Cash Surplus / (Deficiency)												
Base Surplus / (Deficiency)	\$ (44,125,613)	\$ (15,311,742)	\$ (24,472,416)	\$ (4,999,677)	\$ (1,864,720)	\$ 999,987	\$ (6,306,407)	\$ (9,248,385)	\$ 1,699,034	\$ 1,913,619	\$ 2,691,595	\$ 2,691,595
Less Projects to Be Funded Through Surtax	-	1,228,000	1,252,600	1,277,700	1,303,300	-	-	-	-	-	-	-
Less Projects to Be Funded by Developers	41,650,000	-	24,150,000	-	-	-	-	-	-	-	-	-
Less Projects to Be Funded Through Capacity / Impact Fees	-	5,100,000	50,000	50,000	50,000	50,000	1,050,000	2,050,000	50,000	50,000	50,000	50,000
Less Projects to Be Funded Through Proceeds from Existing and Proposed Debt	-	-	-	2,950,000	-	-	5,000,000	8,000,000	-	-	-	-
INCREASE / DECREASE IN UNRESTRICTED FUND BALANCES	\$ (2,475,613)	\$ (8,983,742)	\$ 980,184	\$ (721,977)	\$ (511,420)	\$ 1,049,987	\$ (256,407)	\$ 801,615	\$ 1,749,034	\$ 1,963,619	\$ 2,741,595	\$ 2,741,595
Debt Service Coverage												
Net Revenue Available for Debt Service	\$ 6,929,127	\$ 6,580,564	\$ 6,319,568	\$ 6,330,665	\$ 6,409,493	\$ 6,826,109	\$ 7,280,116	\$ 7,738,089	\$ 8,227,839	\$ 8,749,298	\$ 9,311,215	\$ 9,311,215
Total Debt Service	3,797,774	3,799,995	3,801,569	3,801,969	2,533,949	2,532,199	3,794,124	3,790,124	3,790,124	3,793,874	3,791,124	3,791,124
ALL-IN DEBT SERVICE COVERAGE - 2.00x MIN TARGET	1.82	1.73	1.66	1.67	2.53	2.70	1.92	2.04	2.17	2.31	2.46	2.46
Cash Balances												
Beginning of Year Cash Balances	\$ 41,402,777	-	-	-	-	-	-	-	-	-	-	-
Less Construction / Loan Fund Balance	-	-	-	-	-	-	-	-	-	-	-	-
Less Customer Deposits	(97,189)	-	-	-	-	-	-	-	-	-	-	-
Less Debt Service Reserve Account	-	-	-	-	-	-	-	-	-	-	-	-
Less Capacity / Impact Fees	(16,608,875)	-	-	-	-	-	-	-	-	-	-	-
Less Carryforward Projects	-	-	-	-	-	-	-	-	-	-	-	-
Beginning of Year Fund Balance - Net Cash	\$ 24,696,713	\$ 22,221,100	\$ 13,237,358	\$ 14,217,542	\$ 13,495,564	\$ 12,984,144	\$ 14,034,132	\$ 13,777,725	\$ 14,579,340	\$ 16,328,374	\$ 18,291,993	\$ 18,291,993
Operating/Capital Reserve (Increase/Decrease)	(2,475,613)	(8,983,742)	980,184	(721,977)	(511,420)	1,049,987	(256,407)	801,615	1,749,034	1,963,619	2,741,595	2,741,595
ENDING CASH RESERVES - \$	\$ 22,221,100	\$ 13,237,358	\$ 14,217,542	\$ 13,495,564	\$ 12,984,144	\$ 14,034,132	\$ 13,777,725	\$ 14,579,340	\$ 16,328,374	\$ 18,291,993	\$ 21,033,588	\$ 21,033,588
Target Minimum Cash Reserves - One Year of Operating Expenses - \$ [2]	\$ 16,216,639	\$ 17,482,196	\$ 18,815,730	\$ 20,014,824	\$ 21,193,062	\$ 22,090,493	\$ 23,027,859	\$ 24,005,847	\$ 25,026,243	\$ 26,090,910	\$ 27,186,544	\$ 27,186,544
Cash Reserves Balance - % of Operating Expenses [2]	137%	76%	76%	67%	61%	64%	60%	61%	65%	70%	77%	77%
Cash Reserves Balance - Days Cash on Hand [2]	500	276	276	246	224	232	218	222	238	256	282	282



Table ES-7
City of North Port, Florida
Water and Wastewater System
Multi-Year Financial Projections

High-Level Summary	Actual FY	Fiscal Year Ending September 30,										
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Monthly Bill and Rate Affordability												
Average Monthly Residential Water Bill (3,000 Gallons)	\$ 30.77	\$ 32.00	\$ 33.29	\$ 34.61	\$ 35.99	\$ 37.44	\$ 38.92	\$ 40.47	\$ 42.09	\$ 43.78	\$ 45.54	
Average Monthly Residential Wastewater Bill (3,000 Gallons)	47.79	48.76	49.74	50.73	51.73	52.78	53.84	54.91	55.99	57.12	58.26	
Total Monthly Residential Bill (3,000 Gallons)	\$ 78.56	\$ 80.76	\$ 83.03	\$ 85.34	\$ 87.72	\$ 90.22	\$ 92.76	\$ 95.38	\$ 98.08	\$ 100.90	\$ 103.80	
Amount Increase		\$ 2.20	\$ 2.27	\$ 2.31	\$ 2.38	\$ 2.50	\$ 2.54	\$ 2.62	\$ 2.70	\$ 2.82	\$ 2.90	
Percent Increase		2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.8%	2.9%	2.9%	
Cumulative Increase - %		2.8%	5.7%	8.6%	11.7%	14.8%	18.1%	21.4%	24.8%	28.4%	32.1%	
Median Household Income in City of North Port (Monthly) [3]	\$ 4,557	\$ 4,626	\$ 4,695	\$ 4,765	\$ 4,837	\$ 4,909	\$ 4,983	\$ 5,058	\$ 5,134	\$ 5,211	\$ 5,289	
Percent of Median Household Income (Target < 2.0%)	1.72%	1.75%	1.77%	1.79%	1.81%	1.84%	1.86%	1.89%	1.91%	1.94%	1.96%	

Footnotes:

[1] Historical Operating Expenses excluding depreciation are shown as follows:

Expenses Summary	Fiscal Year Ended September 30,					Compound Annual Growth Rate
	2014	2015	2016	2017	2018	
Total Operating Expenses	\$ 12,334,234	\$ 12,720,355	\$ 12,326,441	\$ 12,686,632	\$ 14,653,042	
Percent Change		3.1%	-3.1%	2.9%	15.5%	4.4%

[2] Fitch Ratings considers that utilities with the strongest financial profiles would have cash reserve balances equal to at least 100% of annual Operating Expenses.

[3] \$54,687 median household income per United States Census Bureau (www.census.gov) divided by 12 months. Assumed to increase by 1.5% per year after Fiscal Year 2019.

Additional Personnel	Fiscal Year Ending September 30,										
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Additional Full Time Employees (FTE) per Year	0.00	0.00	6.00	1.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00
Cumulative Additional FTE	0.00	0.00	6.00	7.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00



SECTION 1
Financial Forecast

SECTION 1:

FINANCIAL FORECAST

1-1: Introduction

The City of North Port (the "City") is located in southwest Florida in southern Sarasota County (the "County"), and occupies over 100 square miles. Based on information developed by the Bureau of Economic and Business Research of the University of Florida ("BEBR") and published on the website of the State of Florida Office of Economic and Demographic Research ("EDR"), the City's total population as of April 1, 2018 was 70,631. As reported by the EDR, the City was the largest municipality located in the County out of 3 municipalities (the City of North Port, the City of Sarasota, and the City of Venice).

In 1992, the City acquired the water and wastewater utility system of General Development Utilities, Inc. ("GDU") located within the City municipal borders. Since that time, the City's utilities department has operated, maintained and expanded the system to meet the overall service area requirements.

1-2: Water System - Overview

The City's potable water system includes water supply, water treatment, finished water storage and transmission, and finished water distribution facilities. The City has two primary sources of water supply. One source of finished water supply is from a City-owned water treatment plant which was acquired with the purchase of the System from GDU (the "North Port WTP"). This plant treats surface water and groundwater from the Myakkahatchee Creek area. The City is permitted by the Southwest Florida Water Management District (SWFWMD) to withdraw an annual average daily combined quantity of 4.40 MGD from the Myakkahatchee Creek and six ground water wells on an annual average daily flow basis and up to 6.00 MGD on a peak month basis.

The City's second water supply source is finished water delivered to the City by the Peace River / Manasota Regional Water Supply Authority ("Peace River" or the "Authority"). On October 5, 2005, the Authority entered into a Master Water Supply Contract (Contract No. 2005-502) with the City and four other members (Charlotte County, DeSoto County, Manatee County, and Sarasota County) under which the Authority constructed a Regional Expansion Project ("REP") that enabled Peace River to allocate and supply water from the Peace River water treatment plant and from other water sources (e.g., pooled water from other participants, new sources of water supply). The original Master Water Supply Contract has been amended, and the City's capacity allocation from Peace River is currently 2.865 million-gallons-per-day (MGD).

The City has three emergency interconnects with Charlotte County. Water from all of the City's sources of supply flows through approximately 340 miles of water transmission and distribution mains ranging in size from 1-inch to 20-inch. The City reports that there are approximately 1,974 fire hydrants in the System.

1-3: Wastewater System – Overview

The City's sanitary sewer system consists of the sewage collection system, the wastewater transmission system, wastewater treatment, and effluent disposal. Approximately 241 miles of wastewater lines – ranging in size from 1-inch to 24-inch – and 110 sewerage lift stations transport wastewater flow to the City's single wastewater treatment plant (the "North Port Wastewater Treatment Plant"). The North Port Wastewater Treatment Plant is currently permitted to treat 7.0 MGD on a three-month average daily flow basis.

1-4: Existing Water and Wastewater Monthly User Rates

The City's current water and wastewater user rates have been in effect since October 1, 2017. Resolution No. 2015-R-29 (the "Rate Resolution"), which was adopted by the North Port City Commission (the "Commission") on December 15, 2015, established a schedule of water and wastewater user rates through the Fiscal Year 2017 and had a provision to annually index the rates in subsequent years by changes in the Miami-Fort Lauderdale Consumer Price Index. With respect to the existing water and wastewater retail rates, such rates include: i) a constant base facility or readiness-to-serve charge which varies by meter size for the water and wastewater system; ii) an inverted or inclining block water charge applied to metered water usage to encourage water conservation; iii) for the wastewater system, a volumetric flow charge based on metered water consumption; and iv) for the single family residential customers of the wastewater system, a maximum billing threshold of 12,000 gallons per month to recognize that all of the water use is associated with domestic (indoor) needs (e.g., it is assumed that any water treated over the billing threshold is for irrigation purposes and not returned to or treated by the wastewater system).

The City also provides wholesale or bulk water service to Charlotte County (the "County"), and the water is ultimately delivered to certain customers residing in the County. Based on an amended interlocal agreement (the "Interlocal Agreement") between the City and the County that was dated September 6, 1994, the City and the County may provide water service to each other on an ongoing basis. A bulk rate of \$1.90 per 1,000 gallons was established in the Interlocal Agreement, and this rate was to remain effective until January 1, 1995. After that date, the City and the County were free to set their respective rates based on the actual costs of providing service. As of the date of this report, the City's current bulk rate is \$5.01 per 1,000 gallons.

Table ES-1 in the executive summary of this report shows the existing monthly water user rates charged to all customers located both inside and outside City boundaries, while Table ES-2 in the executive summary of this report shows the existing monthly wastewater rates.

A copy of the existing Rate Resolution is contained in Appendix A at the end of this report.

1-5: Water System Customer Statistics

With respect to historical growth, the following Exhibit 1-1 indicates the City's reported number of new water meter installations since 2006:

**Exhibit 1-1: Historical New
Water Meter Installations**

<u>Year</u>	<u>Number of New Meter Sets</u>
2006	1,087
2007	237
2008	186
2009	57
2010	74
2011	103
2012	200
2013	289
2014	471
2015	742
2016	710
2017	782
2018	795

As can be seen in the previous table, the Utility has been experiencing significant growth in new meter sets over the past few years. However, the new meter sets have varied substantially over time. As such, it is important to incorporate some level of conservatism when developing projections of customer growth.

During the Fiscal Year 2018, it is estimated that the City's utility service requirements included providing water service to an average of 21,670 water accounts and 23,744 water equivalent residential connections ("ERCs") based on meter equivalency factors as shown in Table 1-1 at the end of this section. An ERC represents the annual average use of an individually metered residential (single-family) customer. For the determination of the estimated number of retail ERCs served, such estimates were based on the use of meter equivalent factors applied to the meters in service. The meter equivalent factors were based on information published by the American Water Works Association (AWWA), which documents the capacities of the various meter sizes typically used by Florida utilities in the establishment of monthly base facility charges, including the Florida Public Service Commission (FPSC) and the City. The meter equivalent factors are based on the equivalent hydraulic throughput capacity of the meters and are shown in the following Exhibit 1-2 by meter size:

Exhibit 1-2: Meter Equivalent Factors

Meter Size (Inches)	Meter Equivalent (ERC Factor)
5/8" and 3/4"	1
1"	2.5
1-1/2"	5
2"	8
3"	16
4"	25
6"	50
8"	80
10"	115
12"	215

Based on discussions with the City staff, the following Exhibit 1-3 indicates the assumed customer growth for the water system during the forecast period that is further detailed in Table 1-1 at the end of this section:

Exhibit 1-3: Projected Water System Customer Statistics [1]

Fiscal Year Ending September 30, (Projected)	Retail Customer Statistics						
	Water Customers			Water Sales			
	Accounts	Change in Accounts	Equivalent Residential Connections (ERCs)	Retail Water Sales (kgal)	Retail Usage Per Customer (gallons)	Retail Usage Per ERC (gallons)	Bulk Water Sales (kgal) [2]
2018 (historical)	21,669		23,694	844,154	3,246	2,969	4,418
2019	22,187	518	24,243	864,513	3,247	2,972	4,418
2020	22,705	518	24,792	884,871	3,248	2,974	4,418
2021	23,223	518	25,341	905,230	3,248	2,977	4,418
2022	23,741	518	25,890	925,588	3,249	2,979	4,418
2023	24,259	518	26,439	945,947	3,249	2,982	4,418
2024	24,777	518	26,988	966,305	3,250	2,984	4,418
2025	25,295	518	27,537	986,664	3,251	2,986	4,418
2026	25,813	518	28,086	1,007,023	3,251	2,988	4,418
2027	26,331	518	28,635	1,027,381	3,251	2,990	4,418
2028	26,849	518	29,184	1,047,740	3,252	2,992	4,418
2029	27,367	518	29,733	1,068,098	3,252	2,994	4,418
Compound Annual Growth Rate:							
2018 - 2029	2.15%		2.09%	2.16%			0.00%
2019 - 2029	2.12%		2.06%	2.14%			0.00%

[1] Amounts shown derived from Table 1-1.

[2] Includes sales to a small residential customer base located in the Charlotte County service territory which the City serves on a bulk or wholesale basis.

As can be seen in the preceding table, it has been assumed for the purposes of developing the financial projections that the City's water system retail customer base would increase by over 2.0% annually during the forecast period from the Fiscal Year 2019 to the end of Fiscal Year 2029.

1-6: Wastewater System Customer Statistics

During the Fiscal Year 2018, it is estimated that the City’s utility service requirements included providing wastewater service to an average of 16,700 wastewater accounts and 18,372 wastewater ERCs based on meter equivalency factors as shown in Table 1-1 at the end of this section. With respect to projecting wastewater customer growth, it is anticipated by the City staff that such growth will closely match the growth of the water system. Table 1-1 at the end of this section shows the assumed customer growth for the wastewater system during the forecast period, which is based on discussions with the City staff. The wastewater system customer growth assumptions are summarized in the following Exhibit 1-4:

Exhibit 1-4: Projected Wastewater System Customer Statistics [*]

Fiscal Year Ending September 30, (Projected)	Wastewater Customers			Wastewater Flow		
	Accounts [2]	Change in Accounts	Equivalent Residential Connections (ERCs)	Billed Wastewater Flow (kgal)	Billed Wastewater Flow Per Customer (gallons)	Billed Wastewater Flow Per ERC (gallons)
2018 (historical)	16,700		18,372	576,217	2,875	2,614
2019	17,167	467	18,870	592,299	2,875	2,616
2020	17,634	467	19,368	608,381	2,875	2,618
2021	18,101	467	19,866	624,464	2,875	2,620
2022	18,568	467	20,364	640,546	2,875	2,621
2023	19,035	467	20,862	656,628	2,875	2,623
2024	19,502	467	21,360	672,710	2,875	2,625
2025	19,969	467	21,858	688,792	2,874	2,626
2026	20,436	467	22,356	704,874	2,874	2,628
2027	20,903	467	22,854	720,957	2,874	2,629
2028	21,370	467	23,352	737,039	2,874	2,630
2029	21,837	467	23,850	753,121	2,874	2,631
Compound Annual Growth Rate:						
2018- 2029	2.47%		2.40%	2.46%		
2019 - 2029	<u>2.44%</u>		<u>2.37%</u>	<u>2.43%</u>		

[*] Amounts shown derived from Table 1-1.

As can be seen in the preceding table, it has been assumed for the purposes of developing the financial projections that the City's wastewater system customer base would increase by approximately 2.4% to 2.5% annually during the forecast period from the end of Fiscal Year 2018 to the end of Fiscal Year 2029. The growth percentages are higher for the wastewater system than the water system because most new

customers will have both water and wastewater service but the wastewater system has a smaller customer base at this time.

1-7: Revenues Under Existing Monthly User Rates

The forecast of revenues from existing water and wastewater rates was based on: i) the projection of System accounts and corresponding water and wastewater consumption as shown in Table 1-1; and ii) the existing rates for monthly water and wastewater service as currently adopted by the City. A summary of the estimated water and wastewater user rate revenues derived under existing rates is included in Table 1-2 at the end of this section. The projected water and wastewater user rate revenues by fiscal year based on the previously discussed sales forecast is summarized in the following Exhibit 1-5:

Exhibit 1-5: Projected Rate Revenues Under Existing Monthly Water and Wastewater User Rates [*]

Fiscal Year Ending September 30, (Projected)	Water System	Wastewater System	Combined System
2018 (actual)	\$ 9,610,186	\$ 10,184,012	\$ 19,794,198
2019	9,830,093	10,457,001	20,287,094
2020	10,050,001	10,729,990	20,779,991
2021	10,269,908	11,002,979	21,272,887
2022	10,489,815	11,275,968	21,765,783
2023	10,709,722	11,548,957	22,258,680
2024	10,929,630	11,821,946	22,751,576
2025	11,149,537	12,094,935	23,244,472
2026	11,369,444	12,367,925	23,737,369
2027	11,589,352	12,640,914	24,230,265
2028	11,809,259	12,913,903	24,723,162
2029	12,029,166	13,186,892	25,216,058
Compound Annual Growth Rate:			
2018 - 2029	2.06%	2.52%	2.35%
2019 - 2029	<u>2.04%</u>	<u>2.48%</u>	<u>2.32%</u>

[*] Amounts shown derived from Table 1-2.

As shown in the preceding table, revenues under existing rates are projected to increase by over 2.0% per year.

1-8: Revenue Requirements – Principal Assumptions and Considerations

The costs associated with operating and maintaining a utility system, as well as the costs of financing the renewals and replacements of existing facilities and the capital improvements for upgrades and expansions, are generally considered as the revenue requirements of a public utility such as the City's System. The sum of these costs, after adjusting for other operating and non-operating (e.g., interest income, capacity fees available to pay expansion-related debt service) revenues available to the utility, represents the net revenue requirements of a utility system that must be funded from the monthly user charges or rates. The following is a summary of the net revenue requirement derivation:

+ Cost of Operation and Maintenance
+ Debt Service Payments (Senior and Subordinate)
+ Transfers and Administration Payments
+ Capital Project Financing
+ Working Capital Reserves / Financial Compliance
- Other Operating Revenue and Other Funding Sources
- Interest Income
<u>= Net Revenue Requirements (Funded from User Rates)</u>

Net revenue requirements signify the expenditure levels required to be recovered from monthly user fees or rates. The development of the net revenue requirements of the System is a critical component of the analysis since utility rates should be designed to fully recover the cost of providing service.

The financial evaluation contained in this utility rate analysis covered projections for the 11 fiscal year period of October 1, 2018 through September 30, 2029 (previously defined as the "Forecast Period"). A forecast of System operations was prepared in order to: i) assess the adequacy of utility rates in the near future; ii) recognize potential cost recovery strategies based on the phase-in of any required rate adjustments to meet the projected revenue requirements and finance identified capital expenditure requirements; and iii) examine the financial implications of alternatives to funding the System's multi-year capital improvement program.

The projected revenue requirements are shown in Tables 1-3 and 1-4 at the end of this section for the water system and wastewater system, respectively, while the combined System revenue requirements are shown in Table 1-5. In the preparation of the financial projections contained in this report and the conclusions that follow, GovRates has made certain assumptions with respect to conditions that may occur in the future. While we believe the assumptions are reasonable and based on the best available information for the purpose of this report, they are dependent upon future events, and actual conditions may differ from those assumed. We recommend that the City continue to compare actual results with the projections contained in this report to ensure that the utility's rates continue to be sufficient.

For the purposes of the financial projections, the principal considerations and assumptions were either made by us, provided to us, either made by us or provided us and the principal information and assumptions provided to us, or prepared by others include the following:

1. Projected revenues from current rates and charges for the City’s water system and wastewater system have been based on the schedule of rates and charges currently in effect and as set forth in the Rate Resolution. Such rates were applied to the customer and sales usage forecast discussed previously.
2. The water and wastewater capacity fees to be collected by the City during the projection period were assumed to be utilized for funding growth-related capital projects or growth-related debt service, including the portion of Peace River growth-related debt service allocable to the City. The assumed capacity fee collections were based on a review of historical collections and discussions with City staff. The assumptions are summarized in the following Exhibit 1-6:

Exhibit 1-6: Projected Capacity Fee Collections

Fiscal Year Ending September 30, (Projected)	Water System	Wastewater System	Combined System
2018 (actual)	\$ 2,918,748	\$ 2,678,713	\$ 5,597,460
2019	900,000	1,200,000	2,100,000
2020	774,000	730,000	1,504,000
2021	774,000	730,000	1,504,000
2022	774,000	730,000	1,504,000
2023	774,000	730,000	1,504,000
2024	774,000	730,000	1,504,000
2025	774,000	730,000	1,504,000
2026	774,000	730,000	1,504,000
2027	774,000	730,000	1,504,000
2028	774,000	730,000	1,504,000
2029	774,000	730,000	1,504,000

3. The adopted Fiscal Years 2019 and proposed 2020 Operating and Capital Budgets as provided by the City served as the baseline for the expenditure projections for the remainder of the Forecast Period and the underlying assumptions contained in these budgets were considered reasonable and to reflect anticipated operations. The budgeted operating expenses were compared with actual historical results and trends in operating expenses.
4. Table 1-6 at the end of this section summarizes: i) the budgeted Fiscal Year 2019 and Fiscal Year 2020 operations and maintenance expenses for the System; ii) the adjustments made to the forecast for known operational and ratemaking considerations; and iii) the allocation of such expenses between the water and wastewater systems. These allocations of costs between the two utility systems served as the basis for the projection of respective utility system costs for the Forecast Period. The cost

allocations were based on: i) the functional nature of each cost center; ii) the purpose of such cost center and the specific costs reflected in such cost center; and iii) discussions with City staff. The following Exhibit 1-7 contains a summary of the operating expense allocations for the Fiscal Year 2020 as recognized in this analysis:

Exhibit 1-7: Fiscal Year 2020 Operating Expense Allocation [*]

System	Amount	Percent
Water System	\$ 10,457,106	59.8%
Wastewater System	7,025,089	40.2%
Total	\$ 17,482,196	100.0%

[*] Derived from Table 1-6.

The operation and maintenance expenses for the water and wastewater systems identified for the Fiscal Year 2020 were projected for the remaining nine (9) years of the Forecast Period (through Fiscal Year 2029). These projections are displayed on Tables 1-7 and 1-8 at the end of this section for the water and wastewater systems, respectively, while Table 1-9 shows the projected operation and maintenance expenses on a combined basis. Table 1-10 indicates the escalation factors utilized in the analysis that were based on the nature of the expense and information provided by the City staff. The forecast of inflation was based upon the consumer price index (CPI) forecast prepared by the Congressional Budget Office as contained in "The Budget and Economic Outlook: 2019 to 2029" published in January 2019. This inflation forecast was compared to other pricing indices used by many utilities for financial forecasting and rate review purposes. Major cost escalation factors assumed were based on discussions with City staff and include:

- Salaries and Wages: 4.0% per year
- Health Insurance: 4.0% per year
- Repair and Maintenance Expenses: 4.0% per year
- Property / General Insurance: 4.0% per year after Fiscal Year 2020
- Electricity Commodity Cost: 4.0% per year after Fiscal Year 2020
- Chemicals Commodity Cost: 4.0% per year after Fiscal Year 2020
- Fuel Commodity Cost: 5.0% per year
- Peace River Base Charge: 4.0% per year
- Peace River Volumetric Charge: 4.0% per year
- General Fund Administrative Charge: 5.0% per year after Fiscal Year 2020
- Return on Investment: 5.0% per year

5. Based on discussions with City staff, twelve (12) additional personnel above Fiscal Year 2020 budgeted levels were assumed during the Forecast Period, and the salaries and benefits of the new hires was assumed to total approximately \$868,000 by Fiscal Year 2029. The additional personnel include an Applications System Administrator, four (4) water system treatment plant operators, two (2)

Collection and Distribution Technician I positions, two (2) Heavy Equipment Operators, one (1) Meter Supervisor, one (1) Operations Support Administrator, and one (1) Inspector.

6. Monthly charges from Peace River consist of: i) a base charge, which is a fixed rate per month and which is designed to recover Peace River’s non-variable operating and capital costs (including debt service for capital projects); ii) a variable charge per 1,000 gallons which is designed to recover the Authority’s variable costs (e.g., electricity, chemicals); iii) payments for additional capacity among Peace River customers; and iv) a customer planning assessment. The projected costs of purchases from Peace River was based on discussions with City staff and are summarized in the following Exhibit 1-8 and detailed in Table 1-11 at the end of this section:

Exhibit 1-8: Projection of Wholesale Water Purchases from Peace River [*]

Fiscal Year Ending September 30, (Projected)	Total Water Purchases (MGD)	Total Water Purchases (kgal)	Total Peace River Costs	Average Cost Per 1,000 Gallons
2019	1.250	456,250	\$ 2,706,681	\$ 5.93
2020	1.250	456,250	2,782,571	6.10
2021	1.250	456,250	2,878,976	6.31
2022	1.250	456,250	2,994,135	6.56
2023	1.250	456,250	3,113,900	6.82
2024	1.250	456,250	3,238,456	7.10
2025	1.250	456,250	3,367,995	7.38
2026	1.250	456,250	3,502,714	7.68
2027	1.250	456,250	3,642,823	7.98
2028	1.250	456,250	3,788,536	8.30
2029	1.250	456,250	3,940,077	8.64

MGD = million-gallons-per-day

kgal = 1,000 gallons

[*] Derived from Table 1-11.

It was assumed for the purposes of this utility rate analysis that a portion of the water system capacity fees would be utilized to pay the expansion-related Peace River debt service that is allocable to the City.

7. The projection of variable costs for water and wastewater systems operations, which would include such expenses as chemicals and utility services (electricity), was based on the projected growth in water and wastewater flow, respectively, plus an allowance for inflationary cost increases.
8. In the projection of the estimated expenditure requirements, a contingency allowance has been included for Fiscal Years 2021 through 2029. The contingency allowance assumed for the development of the projected revenue requirements represents approximately 1.0% of the total combined water and wastewater operating expenses and for the Fiscal Year 2021 was estimated to be approximately \$186,300. This annual allowance has been included as an operating expense in

order to have additional funds to meet unknown or unplanned expenses throughout the fiscal year and to recognize potential changes in revenues that may result due to weather, conservation, and other factors. To the extent the contingency allowance is not required to meet annual operating expenses or provide funds for ongoing System operations, such monies would accrue to the benefit of the System and could be used for other purposes such as funding renewals, replacements, and upgrades to the System over time.

9. An allowance for bad debt expenses has been made to recognize that a certain amount of revenues will be considered as uncollectible and written off throughout the year. This expenditure item reflects an incremental adjustment to each year's operating expenses and was estimated at 0.25% of user rate revenue.
10. For the purposes of this analysis, amounts associated with depreciation and amortization expenses have not been recognized in this analysis. These expenditures are non-cash in nature and are also not considered as operating expenses for ratemaking purposes under the flow of funds provision of the City's bond ordinance. Therefore, such amounts have not been recognized as a revenue requirement to be recovered from rates for the Forecast Period. It should be noted that an allowance for the funding of capital projects, renewals and replacements, and/or reserves has been recognized which essentially provides for the cash funding of these expenses.
11. The City's outstanding senior lien debt was issued pursuant to Ordinance 92-30, as amended and supplemented (collectively, the "Bond Ordinance"). As of October 1, 2018, the City had outstanding in the principal amount \$11,276,612 of senior lien debt that primarily financed: i) the acquisition of the assets which comprised the water and wastewater system of General Development Utilities, Inc., a privately owned and operated utility which was franchised to operate a public water and wastewater system within the City limits; and ii) certain capital improvements to the water and wastewater utility systems (e.g., wastewater treatment plant expansion. This senior lien debt is summarized in the following Exhibit 1-9:

Exhibit 1-9: Summary of Outstanding Senior Lien Obligations

Description	Amount Outstanding as of October 1, 2018
Utility System Refunding Revenue Bonds, Series 2005 (Private Placement)	\$ 5,763,612
Utility System Refunding Revenue Bonds, Series 2014 (BB&T Refunding Note)	5,513,000
Total Senior Lien Debt Outstanding	\$ 11,276,612

[*] Derived from Table 1-12.

As of October 1, 2018, the City also had outstanding in the principal amount \$18,572,477 of subordinate lien loans from the State of Florida which are administered by the Florida Department of Environmental Protection (FDEP) associated with the State Revolving Loan Program (SRF). The payment of the Subordinate Lien Loans is from the net revenues of the System after the payment of all senior lien bonds. The following Exhibit 1-10 summarizes the outstanding SRF loans:

Exhibit 1-10: Summary of Outstanding SRF Loans [*]

Description	Amount Outstanding as of October 1, 2018
SRF Loan WW668010	\$ 16,335,357
SRF Loan WW580700	1,735,394
SRF Loan WW580701	501,727
Total Senior Lien Debt Outstanding	<u>\$ 18,572,477</u>

[*] Derived from Table 1-12.

A summary of the amount of the debt service payments associated with the outstanding indebtedness can be found in Table 1-12 at the end of this section.

12. The projected 11-year capital expenditures (i.e., through the Fiscal Year ending September 30, 2029) for the water and wastewater system were based on discussions with the City staff. Table 1-13 at the end of this section provides a detailed listing of the capital projects for the water and wastewater system as well as projected funding sources for such projects within the analysis period. The capital improvement program (CIP) funding plan is summarized in the following Exhibit 1-11:

Exhibit 1-11: Assumed Capital Improvement Program Funding

Funding Source	Water System		Wastewater System		Combined	
	Amount	Percent	Amount	Percent	Amount	Percent
Rate Revenues and Operating Reserves	\$ 33,631,277	42.4%	\$ 32,152,125	39.3%	\$ 65,783,402	40.8%
Developer Contributions	24,150,000	30.4%	41,650,000	50.9%	65,800,000	40.8%
Additional Debt Proceeds	13,000,000	16.4%	2,950,000	3.6%	15,950,000	9.9%
Surtax	2,530,800	3.2%	2,530,800	3.1%	5,061,600	3.1%
Capacity Fees	6,050,000	7.6%	2,500,000	3.1%	8,550,000	5.3%
Total	<u>79,362,077</u>	<u>100.0%</u>	<u>81,782,925</u>	<u>100.0%</u>	<u>161,145,002</u>	<u>100.0%</u>

[*] Derived from Table 1-13.

As the preceding table indicates, a significant portion (over 40%) of the 11-year estimated CIP is projected to be funded from contributed capital and surtaxes and, hence, does not represent a requirement to be funded from System revenues. Most of the remaining CIP is anticipated to be funded from a combination of capacity fees, rate revenues, and additional debt proceeds. With respect to the additional debt, it is assumed that the City would secure either additional SRF loans or bank loans.

13. The Bond Ordinance which authorized the issuance of the outstanding Senior Lien Bonds requires that the City maintain in the Renewal and Replacement Fund (the "R&R Fund") an amount designated as the Renewal and Replacement Fund Requirement (the R&R Requirement), but in no event shall an amount of money on deposit in the R&R Fund be less than the total of 5.0% of the Gross Revenues received for the prior fiscal year of the water and wastewater system. Monies in the R&R Fund are intended to be used by the City to pay for: i) the costs of major extensions, improvements or

additions; and ii) the replacement, renewal or repair of System capital assets. GovRates assumed that the cash balance in the R&R Fund and any R&R Fund equivalent established by the City would be at least equal to one year of annual depreciation expense by the end of the Forecast Period.

14. Interest income has been recognized as an available revenue source to fund the expenditure needs of the System. For the Forecast Period, interest income was based on estimated balances in unrestricted funds as defined in the Bond Ordinance. Thus, for the determination of the revenue requirements from rates, no earnings have been reflected on balances in the capacity fee funds or in the Construction Fund established from proceeds derived from the issuance of senior lien obligations to fund capital projects. Although the restricted earnings are available for capital project funding, the earnings are not being considered as being available to fund utility operating expenses since such earnings are restricted to the account pursuant to the Bond Ordinance. As such, the earnings on the restricted funds are not included in the development of the revenue requirements of the City's utility system.

In the development of the estimated interest earnings, an average interest rate of 1.00% was assumed to be earned on the estimated average fund balances during the Forecast Period. This interest rate is based on recent earning performance results of the utility, discussions with the City, and a review of earnings performance of available investment vehicles to the City (e.g., State Board of Administration).

Table 1-14 at the end of this section contains the projection of fund balances and interest income.

15. The City receives other operating revenues from miscellaneous charges for specific customer service requests or needs which serve to reduce rate revenue requirements. Examples of such revenues include turn-on and turn-off charges, guaranteed revenue charges, initiation of service charges, meter installation and tap-in charges, late payment fees, returned payment charges, utility inspection fees, and line extension charges. Such amounts were projected through the Forecast Period based on a review of historical trends, the projected growth in customers to be served and rate revenues, and discussions with City staff. The offsetting costs of new meters and other parts utilized to perform meter installations are currently treated as operating expenses by the City instead of capital expenses.

Table 1-15 at the end of this section contains the projection of other operating revenues.

1-9: Summary of Water and Wastewater Revenue Requirements

As shown on Tables 1-3 and 1-4 at the end of this section and as shown in the financial overview and graphical presentation in the executive summary of this report, 4.00% annual rate increases have been recognized for the water system for the Fiscal Years 2020 through 2029, while 2.00% annual rate increases have been recognized for the wastewater system. These adjustments are based on the assumptions discussed throughout this report.

1-10: Debt Service Coverage and Rate Covenants

A major aspect of any utility rate analysis is the determination of whether the rate covenants in the Bond Ordinance are being met. The City's Bond Ordinance contains a covenant under which the City will establish rates which, in each fiscal year, will produce:

"(A) Net Revenues adequate at all times to pay in each Fiscal Year (1) at least one hundred ten percent (110%) of the Annual Debt Service on all Outstanding Bonds becoming due in such Fiscal Year, and (2) at least one hundred percent (100%) of any amount required by the terms hereof to be deposited into the Reserve Account...[and]...Renewal and Replacement Fund..."

OR

"(B) (1) Net Revenues, Impact Fees and Special Assessment Proceeds in such Fiscal Year adequate to pay at least one hundred fifteen percent (115%) of the Annual Debt Service on all Outstanding Bonds becoming due in such Fiscal Year, and (2) Net Revenues in such Fiscal Year adequate to pay at least one hundred five percent (105%) of the Annual Debt Service on all Outstanding Bonds becoming due in such Fiscal Year and at least one hundred percent (100%) of any amounts required by the terms hereof to be deposited into the Reserve Account...[and]...Renewal and Replacement Fund..."

The City's SRF loan agreement contains a covenant under which the City shall maintain rates and charges for the services furnished by the System that are sufficient to provide, in each Fiscal Year:

"Pledged Revenues equal to or exceeding 1.15 times the sum of the Semiannual Loan Payments due in such Fiscal Year. In addition, the Local Borrower shall satisfy the coverage requirements of all senior and parity debt obligations."

Table 1-16 at the end of this section summarizes the ability of the System net revenues to meet the rate covenant provisions of the Bond Ordinance and SRF loan agreement. Assuming the adoption of the proposed rate adjustments, the Net Revenues of the water and wastewater system are expected to meet the rate covenant requirements as defined in the Bond Ordinance as shown in Table 1-16 and summarized in the following Exhibit 1-12:

Exhibit 1-12: Projected Net Revenues Debt Service Coverage [*]

Fiscal Year	Senior Lien Bonds Net Revenues Debt Service Coverage (Required = 110%)	SRF Loan Net Revenues Debt Service Coverage (Required =115%)	All-In Net Revenues Debt Service Coverage (Min =150%; Target = 200%)
2020	318%	223%	173%
2021	305%	209%	166%
2022	306%	210%	167%
2023	1037%	269%	253%
2024	1108%	288%	270%
2025	388%	244%	192%
2026	413%	266%	204%
2027	439%	289%	217%
2028	466%	313%	231%
2029	497%	340%	246%

[*] Derived from Table 1-16.

1-11: Projected Sources and Uses of Funds

To provide additional information to the City, a summary of the projected sources and uses of funds for each of the Utility's major funds is shown in Table 1-17 at the end of this section. The projected sources equal the projected uses.

Table 1-1

City of North Port, Florida
Utility Rate Analysis

Summary of Historical and Projected Water and Wastewater Customer Statistics

Line No.	Description	Fiscal Year Ending September 30,											
		Historical 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
RETAIL WATER													
<u>Inside City</u>													
Single Family Residential - Inside City													
1	Average Monthly Customers	17,576	18,068	18,560	19,052	19,544	20,036	20,528	21,020	21,512	22,004	22,496	22,988
2	Change in Average Monthly Accounts		492	492	492	492	492	492	492	492	492	492	492
3	Average Monthly ERCs	17,585	18,077	18,569	19,061	19,553	20,045	20,537	21,029	21,521	22,013	22,505	22,997
4	Average Monthly ERCs Per Customer	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	Annual Water Sales (kgal)	629,283	646,895	664,506	682,118	699,729	717,341	734,952	752,564	770,175	787,787	805,398	823,010
6	Average Monthly Water Sales Per Customer (kgal)	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98
7	Average Monthly Water Sales Per ERC (kgal)	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98	2.98
Master-Metered Residential - Inside City													
8	Average Monthly Customers	391	401	411	421	431	441	451	461	471	481	491	501
9	Change in Average Monthly Accounts		10	10	10	10	10	10	10	10	10	10	10
10	Average Monthly ERCs	847	863	879	895	911	927	943	959	975	991	1,007	1,023
11	Average Monthly ERCs Per Customer	2.17	2.15	2.14	2.13	2.12	2.10	2.09	2.08	2.07	2.06	2.05	2.04
12	Annual Water Sales (kgal)	35,804	36,280	36,755	37,231	37,706	38,182	38,658	39,133	39,609	40,084	40,560	41,035
13	Average Monthly Water Sales Per Customer (kgal)	7.64	7.55	7.46	7.38	7.30	7.22	7.15	7.08	7.01	6.95	6.89	6.83
14	Average Monthly Water Sales Per ERC (kgal)	3.52	3.50	3.48	3.47	3.45	3.43	3.42	3.40	3.39	3.37	3.36	3.34
Commercial - Inside City													
15	Average Monthly Customers	586	602	618	634	650	666	682	698	714	730	746	762
16	Change in Average Monthly Accounts		16	16	16	16	16	16	16	16	16	16	16
17	Average Monthly ERCs	2,029	2,070	2,111	2,152	2,193	2,234	2,275	2,316	2,357	2,398	2,439	2,480
18	Average Monthly ERCs Per Customer	3.46	3.44	3.42	3.39	3.37	3.35	3.34	3.32	3.30	3.28	3.27	3.25
19	Annual Water Sales (kgal)	105,691	107,962	110,234	112,505	114,777	117,048	119,320	121,591	123,863	126,134	128,406	130,677
20	Average Monthly Water Sales Per Customer (kgal)	15.03	14.94	14.86	14.79	14.71	14.64	14.58	14.51	14.45	14.40	14.34	14.29
21	Average Monthly Water Sales Per ERC (kgal)	4.34	4.35	4.35	4.36	4.36	4.37	4.37	4.37	4.38	4.38	4.39	4.39
Total Water Inside City Without Irrigation													
22	Average Monthly Customers	18,553	19,071	19,589	20,107	20,625	21,143	21,661	22,179	22,697	23,215	23,733	24,251
23	Change in Average Monthly Accounts		518	518	518	518	518	518	518	518	518	518	518
24	Average Monthly ERCs	20,462	21,011	21,560	22,109	22,658	23,207	23,756	24,305	24,854	25,403	25,952	26,501
25	Average Monthly ERCs Per Customer	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.09	1.09	1.09
26	Annual Water Sales (kgal)	770,778	791,137	811,495	831,854	852,212	872,571	892,929	913,288	933,647	954,005	974,364	994,722
27	Average Monthly Water Sales Per Customer (kgal)	3.46	3.46	3.45	3.45	3.44	3.44	3.44	3.43	3.43	3.42	3.42	3.42
28	Average Monthly Water Sales Per ERC (kgal)	3.14	3.14	3.14	3.14	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13

Table 1-1

City of North Port, Florida
Utility Rate Analysis

Summary of Historical and Projected Water and Wastewater Customer Statistics

Line No.	Description	Historical		Fiscal Year Ending September 30,									
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Outside City													
Single Family Residential - Outside City													
29	Average Monthly Customers	3,030	3,030	3,030	3,030	3,030	3,030	3,030	3,030	3,030	3,030	3,030	3,030
30	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
31	Average Monthly ERCs	3,031	3,031	3,031	3,031	3,031	3,031	3,031	3,031	3,031	3,031	3,031	3,031
32	Average Monthly ERCs Per Customer	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
33	Annual Water Sales (kgal)	52,733	52,733	52,733	52,733	52,733	52,733	52,733	52,733	52,733	52,733	52,733	52,733
34	Average Monthly Water Sales Per Customer (kgal)	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45
35	Average Monthly Water Sales Per ERC (kgal)	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45
Master-Metered Residential - Outside City													
36	Average Monthly Customers	1	1	1	1	1	1	1	1	1	1	1	1
37	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
38	Average Monthly ERCs	5	5	5	5	5	5	5	5	5	5	5	5
39	Average Monthly ERCs Per Customer	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
40	Annual Water Sales (kgal)	352	352	352	352	352	352	352	352	352	352	352	352
41	Average Monthly Water Sales Per Customer (kgal)	29.33	29.33	29.33	29.33	29.33	29.33	29.33	29.33	29.33	29.33	29.33	29.33
42	Average Monthly Water Sales Per ERC (kgal)	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87	5.87
Commercial - Outside City													
43	Average Monthly Customers	39	39	39	39	39	39	39	39	39	39	39	39
44	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
45	Average Monthly ERCs	93	93	93	93	93	93	93	93	93	93	93	93
46	Average Monthly ERCs Per Customer	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
47	Annual Water Sales (kgal)	7,966	7,966	7,966	7,966	7,966	7,966	7,966	7,966	7,966	7,966	7,966	7,966
48	Average Monthly Water Sales Per Customer (kgal)	17.21	17.21	17.21	17.21	17.21	17.21	17.21	17.21	17.21	17.21	17.21	17.21
49	Average Monthly Water Sales Per ERC (kgal)	7.17	7.17	7.17	7.17	7.17	7.17	7.17	7.17	7.17	7.17	7.17	7.17
Total Water Outside City Without Irrigation													
50	Average Monthly Customers	3,070	3,070	3,070	3,070	3,070	3,070	3,070	3,070	3,070	3,070	3,070	3,070
51	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
52	Average Monthly ERCs	3,129	3,129	3,129	3,129	3,129	3,129	3,129	3,129	3,129	3,129	3,129	3,129
53	Average Monthly ERCs Per Customer	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
54	Annual Water Sales (kgal)	61,051	61,051	61,051	61,051	61,051	61,051	61,051	61,051	61,051	61,051	61,051	61,051
55	Average Monthly Water Sales Per Customer (kgal)	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66
56	Average Monthly Water Sales Per ERC (kgal)	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63
Total Retail Water Without Irrigation													
57	Average Monthly Customers	21,623	22,141	22,659	23,177	23,695	24,213	24,731	25,249	25,767	26,285	26,803	27,321
58	Change in Average Monthly Accounts		518	518	518	518	518	518	518	518	518	518	518
59	Average Monthly ERCs	23,591	24,140	24,689	25,238	25,787	26,336	26,885	27,434	27,983	28,532	29,081	29,630
60	Average Monthly ERCs Per Customer	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.08	1.08
61	Annual Water Sales (kgal)	831,829	852,188	872,546	892,905	913,263	933,622	953,980	974,339	994,698	1,015,056	1,035,415	1,055,773
62	Average Monthly Water Sales Per Customer (kgal)	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.22	3.22	3.22	3.22	3.22
63	Average Monthly Water Sales Per ERC (kgal)	2.94	2.94	2.95	2.95	2.95	2.95	2.96	2.96	2.96	2.96	2.97	2.97

Table 1-1

City of North Port, Florida
Utility Rate Analysis

Summary of Historical and Projected Water and Wastewater Customer Statistics

Line No.	Description	Fiscal Year Ending September 30,										
		Historical 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
RETAIL IRRIGATION												
<u>Inside City</u>												
Single Family Residential Irrigation - Inside City												
64	Average Monthly Customers	4	4	4	4	4	4	4	4	4	4	4
65	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0
66	Average Monthly ERCs	4	4	4	4	4	4	4	4	4	4	4
67	Average Monthly ERCs Per Customer	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
68	Annual Water Sales (kgal)	330	330	330	330	330	330	330	330	330	330	330
69	Average Monthly Water Sales Per Customer (kgal)	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88
70	Average Monthly Water Sales Per ERC (kgal)	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88
Commercial Irrigation - Inside City												
71	Average Monthly Customers	42	42	42	42	42	42	42	42	42	42	42
72	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0
73	Average Monthly ERCs	98	98	98	98	98	98	98	98	98	98	98
74	Average Monthly ERCs Per Customer	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37
75	Annual Water Sales (kgal)	11,995	11,995	11,995	11,995	11,995	11,995	11,995	11,995	11,995	11,995	11,995
76	Average Monthly Water Sales Per Customer (kgal)	24.09	24.09	24.09	24.09	24.09	24.09	24.09	24.09	24.09	24.09	24.09
77	Average Monthly Water Sales Per ERC (kgal)	10.16	10.16	10.16	10.16	10.16	10.16	10.16	10.16	10.16	10.16	10.16
Total Irrigation Inside City												
78	Average Monthly Customers	46	46	46	46	46	46	46	46	46	46	46
79	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0
80	Average Monthly ERCs	102	102	102	102	102	102	102	102	102	102	102
81	Average Monthly ERCs Per Customer	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
82	Annual Water Sales (kgal)	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325
83	Average Monthly Water Sales Per Customer (kgal)	22.57	22.57	22.57	22.57	22.57	22.57	22.57	22.57	22.57	22.57	22.57
84	Average Monthly Water Sales Per ERC (kgal)	10.03	10.03	10.03	10.03	10.03	10.03	10.03	10.03	10.03	10.03	10.03
<u>Outside City</u>												
Commercial Irrigation - Outside City												
85	Average Monthly Customers	1	1	1	1	1	1	1	1	1	1	1
86	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0
87	Average Monthly ERCs	1	1	1	1	1	1	1	1	1	1	1
88	Average Monthly ERCs Per Customer	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
89	Annual Water Sales (kgal)	0	0	0	0	0	0	0	0	0	0	0
90	Average Monthly Water Sales Per Customer (kgal)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	Average Monthly Water Sales Per ERC (kgal)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 1-1

City of North Port, Florida
Utility Rate Analysis

Summary of Historical and Projected Water and Wastewater Customer Statistics

Line No.	Description	Fiscal Year Ending September 30,											
		Historical 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Total Irrigation Outside City													
92	Average Monthly Customers	1	1	1	1	1	1	1	1	1	1	1	1
93	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
94	Average Monthly ERCs	1	1	1	1	1	1	1	1	1	1	1	1
95	Average Monthly ERCs Per Customer	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
96	Annual Water Sales (kgal)	0	0	0	0	0	0	0	0	0	0	0	0
97	Average Monthly Water Sales Per Customer (kgal)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	Average Monthly Water Sales Per ERC (kgal)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Irrigation													
99	Average Monthly Customers	47	47	47	47	47	47	47	47	47	47	47	47
100	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
101	Average Monthly ERCs	103	103	103	103	103	103	103	103	103	103	103	103
102	Average Monthly ERCs Per Customer	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22
103	Annual Water Sales (kgal)	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325	12,325
104	Average Monthly Water Sales Per Customer (kgal)	22.09	22.09	22.09	22.09	22.09	22.09	22.09	22.09	22.09	22.09	22.09	22.09
105	Average Monthly Water Sales Per ERC (kgal)	9.94	9.94	9.94	9.94	9.94	9.94	9.94	9.94	9.94	9.94	9.94	9.94
Total Retail Water and Irrigation													
106	Average Monthly Customers	21,669	22,187	22,705	23,223	23,741	24,259	24,777	25,295	25,813	26,331	26,849	27,367
107	Change in Average Monthly Accounts		518	518	518	518	518	518	518	518	518	518	518
108	Average Monthly ERCs	23,694	24,243	24,792	25,341	25,890	26,439	26,988	27,537	28,086	28,635	29,184	29,733
109	Change in Average Monthly ERCs		549	549	549	549	549	549	549	549	549	549	549
110	Average Monthly ERCs Per Customer	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
111	Annual Water Sales (kgal)	844,154	864,513	884,871	905,230	925,588	945,947	966,305	986,664	1,007,023	1,027,381	1,047,740	1,068,098
112	Average Monthly Water Sales Per Customer (kgal)	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25
113	Average Monthly Water Sales Per ERC (kgal)	2.97	2.97	2.97	2.98	2.98	2.98	2.98	2.99	2.99	2.99	2.99	2.99
BULK WATER													
Bulk Water													
114	Average Monthly Customers	1	1	1	1	1	1	1	1	1	1	1	1
115	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
116	Average Monthly ERCs	50	50	50	50	50	50	50	50	50	50	50	50
117	Average Monthly ERCs Per Customer	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
118	Annual Water Sales (kgal)	4,418	4,418	4,418	4,418	4,418	4,418	4,418	4,418	4,418	4,418	4,418	4,418
119	Average Monthly Water Sales Per Customer (kgal)	368.17	368.17	368.17	368.17	368.17	368.17	368.17	368.17	368.17	368.17	368.17	368.17
120	Average Monthly Water Sales Per ERC (kgal)	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36
Total Retail and Bulk Water													
121	Average Monthly Customers	21,670	22,188	22,706	23,224	23,742	24,260	24,778	25,296	25,814	26,332	26,850	27,368
122	Change in Average Monthly Accounts		518	518	518	518	518	518	518	518	518	518	518
123	Average Monthly ERCs	23,744	24,293	24,842	25,391	25,940	26,489	27,038	27,587	28,136	28,685	29,234	29,783
124	Average Monthly ERCs Per Customer	1.10	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
125	Annual Water Sales (kgal)	848,572	868,931	889,289	909,648	930,006	950,365	970,723	991,082	1,011,441	1,031,799	1,052,158	1,072,516
126	Average Monthly Water Sales Per Customer (kgal)	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.27	3.27	3.27	3.27
127	Average Monthly Water Sales Per ERC (kgal)	2.98	2.98	2.98	2.99	2.99	2.99	2.99	2.99	3.00	3.00	3.00	3.00

Table 1-1

City of North Port, Florida
Utility Rate Analysis

Summary of Historical and Projected Water and Wastewater Customer Statistics

Line No.	Description	Fiscal Year Ending September 30,											
		Historical 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
128	Finished Water Pumped (kgal)	944,494	868,320	899,354	930,388	961,421	992,455	1,023,489	1,054,523	1,085,557	1,116,591	1,147,625	1,178,659
129	Wholesale Water Purchases from PR/MRWSA	342,307	456,250	456,250	456,250	456,250	456,250	456,250	456,250	456,250	456,250	456,250	456,250
130	Total Water Produced and Purchased (kgal)	1,286,801	1,324,570	1,355,604	1,386,638	1,417,671	1,448,705	1,479,739	1,510,773	1,541,807	1,572,841	1,603,875	1,634,909
131	Total Water Produced and Purchased (MGD)	3.53	3.63	3.71	3.80	3.88	3.97	4.05	4.14	4.22	4.31	4.39	4.48
132	Non-Revenue Water Percentage	34.4%	34.4%	34.4%	34.4%	34.4%	34.4%	34.4%	34.4%	34.4%	34.4%	34.4%	34.4%
133	Peaking Factor - Maximum Month	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

WASTEWATER

Inside City

Single Family Residential - Inside City

134	Average Monthly Customers	12,751	13,194	13,637	14,080	14,523	14,966	15,409	15,852	16,295	16,738	17,181	17,624
135	Change in Average Monthly Accounts		443	443	443	443	443	443	443	443	443	443	443
136	Average Monthly ERCs	12,752	13,195	13,638	14,081	14,524	14,967	15,410	15,853	16,296	16,739	17,182	17,625
137	Average Monthly ERCs Per Customer	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
138	Annual Wastewater Sales (kgal)	387,590	401,057	414,524	427,991	441,458	454,926	468,393	481,860	495,327	508,794	522,261	535,728
139	Average Monthly Wastewater Sales Per Customer (kgal)	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53
140	Average Monthly Wastewater Sales Per ERC (kgal)	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53

Master-Metered Residential - Inside City

141	Average Monthly Customers	391	400	409	418	427	436	445	454	463	472	481	490
142	Change in Average Monthly Accounts		9	9	9	9	9	9	9	9	9	9	9
143	Average Monthly ERCs	847	862	877	892	907	922	937	952	967	982	997	1,012
144	Average Monthly ERCs Per Customer	2.17	2.16	2.15	2.14	2.13	2.12	2.11	2.10	2.09	2.08	2.07	2.07
145	Annual Wastewater Sales (kgal)	35,804	36,241	36,679	37,116	37,553	37,991	38,428	38,865	39,303	39,740	40,177	40,615
146	Average Monthly Wastewater Sales Per Customer (kgal)	7.64	7.56	7.48	7.41	7.34	7.27	7.20	7.14	7.08	7.02	6.97	6.91
147	Average Monthly Wastewater Sales Per ERC (kgal)	3.52	3.50	3.48	3.47	3.45	3.43	3.42	3.40	3.39	3.37	3.36	3.34

Commercial - Inside City

148	Average Monthly Customers	524	539	554	569	584	599	614	629	644	659	674	689
149	Change in Average Monthly Accounts		15	15	15	15	15	15	15	15	15	15	15
150	Average Monthly ERCs	1,695	1,735	1,775	1,815	1,855	1,895	1,935	1,975	2,015	2,055	2,095	2,135
151	Average Monthly ERCs Per Customer	3.24	3.22	3.20	3.19	3.18	3.16	3.15	3.14	3.13	3.12	3.11	3.10
152	Annual Wastewater Sales (kgal)	94,391	96,569	98,746	100,924	103,102	105,280	107,457	109,635	111,813	113,991	116,168	118,346
153	Average Monthly Wastewater Sales Per Customer (kgal)	15.01	14.93	14.85	14.78	14.71	14.65	14.58	14.53	14.47	14.41	14.36	14.31
154	Average Monthly Wastewater Sales Per ERC (kgal)	4.64	4.64	4.64	4.63	4.63	4.63	4.63	4.63	4.62	4.62	4.62	4.62

Total Wastewater Inside City

155	Average Monthly Customers	13,665	14,132	14,599	15,066	15,533	16,000	16,467	16,934	17,401	17,868	18,335	18,802
156	Change in Average Monthly Accounts		467	467	467	467	467	467	467	467	467	467	467
157	Average Monthly ERCs	15,295	15,793	16,291	16,789	17,287	17,785	18,283	18,781	19,279	19,777	20,275	20,773
158	Average Monthly ERCs Per Customer	1.12	1.12	1.12	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.10
159	Annual Wastewater Sales (kgal)	517,785	533,867	549,949	566,032	582,114	598,196	614,278	630,360	646,442	662,525	678,607	694,689
160	Average Monthly Water Sales Per Customer (kgal)	3.16	3.15	3.14	3.13	3.12	3.12	3.11	3.10	3.10	3.09	3.08	3.08
161	Average Monthly Water Sales Per ERC (kgal)	2.82	2.82	2.81	2.81	2.81	2.80	2.80	2.80	2.79	2.79	2.79	2.79

Table 1-1

City of North Port, Florida
Utility Rate Analysis

Summary of Historical and Projected Water and Wastewater Customer Statistics

Line No.	Description	Fiscal Year Ending September 30,											
		Historical 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Outside City													
Single Family Residential - Outside City													
162	Average Monthly Customers	3,013	3,013	3,013	3,013	3,013	3,013	3,013	3,013	3,013	3,013	3,013	3,013
163	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
164	Average Monthly ERCs	3,013	3,013	3,013	3,013	3,013	3,013	3,013	3,013	3,013	3,013	3,013	3,013
165	Average Monthly ERCs Per Customer	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
166	Annual Wastewater Sales (kgal)	51,593	51,593	51,593	51,593	51,593	51,593	51,593	51,593	51,593	51,593	51,593	51,593
167	Average Monthly Wastewater Sales Per Customer (kgal)	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43
168	Average Monthly Wastewater Sales Per ERC (kgal)	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43
Master-Metered Residential - Outside City													
169	Average Monthly Customers	0	0	0	0	0	0	0	0	0	0	0	0
170	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
171	Average Monthly ERCs	0	0	0	0	0	0	0	0	0	0	0	0
172	Average Monthly ERCs Per Customer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	Annual Wastewater Sales (kgal)	0	0	0	0	0	0	0	0	0	0	0	0
174	Average Monthly Wastewater Sales Per Customer (kgal)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	Average Monthly Wastewater Sales Per ERC (kgal)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial - Outside City													
176	Average Monthly Customers	21	21	21	21	21	21	21	21	21	21	21	21
177	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
178	Average Monthly ERCs	64	64	64	64	64	64	64	64	64	64	64	64
179	Average Monthly ERCs Per Customer	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
180	Annual Wastewater Sales (kgal)	6,839	6,839	6,839	6,839	6,839	6,839	6,839	6,839	6,839	6,839	6,839	6,839
181	Average Monthly Wastewater Sales Per Customer (kgal)	26.71	26.71	26.71	26.71	26.71	26.71	26.71	26.71	26.71	26.71	26.71	26.71
182	Average Monthly Wastewater Sales Per ERC (kgal)	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88
Total Wastewater Outside City													
183	Average Monthly Customers	3,034	3,034	3,034	3,034	3,034	3,034	3,034	3,034	3,034	3,034	3,034	3,034
184	Change in Average Monthly Accounts		0	0	0	0	0	0	0	0	0	0	0
185	Average Monthly ERCs	3,077	3,077	3,077	3,077	3,077	3,077	3,077	3,077	3,077	3,077	3,077	3,077
186	Average Monthly ERCs Per Customer	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
187	Annual Wastewater Sales (kgal)	58,432	58,432	58,432	58,432	58,432	58,432	58,432	58,432	58,432	58,432	58,432	58,432
188	Average Monthly Water Sales Per Customer (kgal)	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
189	Average Monthly Water Sales Per ERC (kgal)	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58

Table 1-1

City of North Port, Florida
Utility Rate Analysis

Summary of Historical and Projected Water and Wastewater Customer Statistics

Line No.	Description	Historical	Fiscal Year Ending September 30,										
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Total Wastewater													
190	Average Monthly Customers	16,700	17,167	17,634	18,101	18,568	19,035	19,502	19,969	20,436	20,903	21,370	21,837
191	Change in Average Monthly Accounts		467	467	467	467	467	467	467	467	467	467	467
192	Average Monthly ERCs	18,372	18,870	19,368	19,866	20,364	20,862	21,360	21,858	22,356	22,854	23,352	23,850
193	Change in Average Monthly ERCs		498	498	498	498	498	498	498	498	498	498	498
194	Average Monthly ERCs Per Customer	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.09	1.09	1.09	1.09	1.09
195	Annual Wastewater Sales (kgal)	576,217	592,299	608,381	624,464	640,546	656,628	672,710	688,792	704,874	720,957	737,039	753,121
196	Average Monthly Wastewater Sales Per Customer (kgal)	2.88	2.88	2.88	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87
197	Average Monthly Wastewater Sales Per ERC (kgal)	2.61	2.62	2.62	2.62	2.62	2.62	2.62	2.63	2.63	2.63	2.63	2.63
198	Total Wastewater Treated (kgal)	910,058	935,458	960,857	986,257	1,011,657	1,037,056	1,062,456	1,087,856	1,113,255	1,138,655	1,164,055	1,189,454
199	Total Wastewater Treated (MGD)	2.49	2.56	2.63	2.70	2.77	2.84	2.91	2.98	3.05	3.12	3.19	3.26
200	Percent of Wastewater Sales	157.9%	157.9%	157.9%	157.9%	157.9%	157.9%	157.9%	157.9%	157.9%	157.9%	157.9%	157.9%

kgal = thousands of gallons
MGD = million-gallons-per-day

Table 1-2

City of North Port, Florida
Utility Rate Analysis

Projected Water and Wastewater User Rate Revenue Under Existing Rates

Line No.	Description	Historical	Fiscal Year Ending September 30,										
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
WATER USER RATE REVENUE													
Single Family Residential - Inside City													
1	Base Facility Charge	\$ 3,864,332	\$ 3,972,454	\$ 4,080,575	\$ 4,188,696	\$ 4,296,818	\$ 4,404,939	\$ 4,513,060	\$ 4,621,182	\$ 4,729,303	\$ 4,837,424	\$ 4,945,546	\$ 5,053,667
2	Usage / Volume Charge	2,918,022	2,999,688	3,081,354	3,163,019	3,244,685	3,326,350	3,408,016	3,489,681	3,571,347	3,653,013	3,734,678	3,816,344
3	Total	\$ 6,782,355	\$ 6,972,142	\$ 7,161,928	\$ 7,351,715	\$ 7,541,502	\$ 7,731,289	\$ 7,921,076	\$ 8,110,863	\$ 8,300,650	\$ 8,490,437	\$ 8,680,224	\$ 8,870,011
Master-Metered Residential - Inside City													
4	Base Facility Charge	\$ 176,499	\$ 179,865	\$ 183,231	\$ 186,597	\$ 189,963	\$ 193,330	\$ 196,696	\$ 200,062	\$ 203,428	\$ 206,794	\$ 210,160	\$ 213,526
5	Usage / Volume Charge	181,616	184,028	186,441	188,853	191,266	193,678	196,091	198,503	200,915	203,328	205,740	208,153
6	Total	\$ 358,115	\$ 363,894	\$ 369,672	\$ 375,451	\$ 381,229	\$ 387,008	\$ 392,786	\$ 398,565	\$ 404,343	\$ 410,121	\$ 415,900	\$ 421,678
Commercial - Inside City													
7	Base Facility Charge	\$ 413,951	\$ 422,335	\$ 430,719	\$ 439,104	\$ 447,488	\$ 455,872	\$ 464,256	\$ 472,641	\$ 481,025	\$ 489,409	\$ 497,794	\$ 506,178
8	Usage / Volume Charge	742,497	758,455	774,412	790,370	806,327	822,285	838,242	854,200	870,158	886,115	902,073	918,030
9	Total	\$ 1,156,448	\$ 1,180,789	\$ 1,205,131	\$ 1,229,473	\$ 1,253,815	\$ 1,278,157	\$ 1,302,499	\$ 1,326,841	\$ 1,351,183	\$ 1,375,525	\$ 1,399,866	\$ 1,424,208
Single Family Residential - Outside City													
10	Base Facility Charge	\$ 765,870	\$ 765,870	\$ 765,870	\$ 765,870	\$ 765,870	\$ 765,870	\$ 765,870	\$ 765,870	\$ 765,870	\$ 765,870	\$ 765,870	\$ 765,870
11	Usage / Volume Charge	250,259	250,259	250,259	250,259	250,259	250,259	250,259	250,259	250,259	250,259	250,259	250,259
12	Total	\$ 1,016,129	\$ 1,016,129	\$ 1,016,129	\$ 1,016,129	\$ 1,016,129	\$ 1,016,129	\$ 1,016,129	\$ 1,016,129	\$ 1,016,129	\$ 1,016,129	\$ 1,016,129	\$ 1,016,129
Master-Metered Residential - Outside City													
13	Base Facility Charge	\$ 1,148	\$ 1,148	\$ 1,148	\$ 1,148	\$ 1,148	\$ 1,148	\$ 1,148	\$ 1,148	\$ 1,148	\$ 1,148	\$ 1,148	\$ 1,148
14	Usage / Volume Charge	1,956	1,956	1,956	1,956	1,956	1,956	1,956	1,956	1,956	1,956	1,956	1,956
15	Total	\$ 3,105	\$ 3,105	\$ 3,105	\$ 3,105	\$ 3,105	\$ 3,105	\$ 3,105	\$ 3,105	\$ 3,105	\$ 3,105	\$ 3,105	\$ 3,105
Commercial - Outside City													
16	Base Facility Charge	\$ 21,843	\$ 21,843	\$ 21,843	\$ 21,843	\$ 21,843	\$ 21,843	\$ 21,843	\$ 21,843	\$ 21,843	\$ 21,843	\$ 21,843	\$ 21,843
17	Usage / Volume Charge	75,762	75,762	75,762	75,762	75,762	75,762	75,762	75,762	75,762	75,762	75,762	75,762
18	Total	\$ 97,605	\$ 97,605	\$ 97,605	\$ 97,605	\$ 97,605	\$ 97,605	\$ 97,605	\$ 97,605	\$ 97,605	\$ 97,605	\$ 97,605	\$ 97,605
Single Family Residential Irrigation - Inside City													
19	Base Facility Charge	\$ 879	\$ 879	\$ 879	\$ 879	\$ 879	\$ 879	\$ 879	\$ 879	\$ 879	\$ 879	\$ 879	\$ 879
20	Usage / Volume Charge	3,392	3,392	3,392	3,392	3,392	3,392	3,392	3,392	3,392	3,392	3,392	3,392
21	Total	\$ 4,271	\$ 4,271	\$ 4,271	\$ 4,271	\$ 4,271	\$ 4,271	\$ 4,271	\$ 4,271	\$ 4,271	\$ 4,271	\$ 4,271	\$ 4,271
Commercial Irrigation - Inside City													
22	Base Facility Charge	\$ 20,196	\$ 20,196	\$ 20,196	\$ 20,196	\$ 20,196	\$ 20,196	\$ 20,196	\$ 20,196	\$ 20,196	\$ 20,196	\$ 20,196	\$ 20,196
23	Usage / Volume Charge	149,577	149,577	149,577	149,577	149,577	149,577	149,577	149,577	149,577	149,577	149,577	149,577
24	Total	\$ 169,772	\$ 169,772	\$ 169,772	\$ 169,772	\$ 169,772	\$ 169,772	\$ 169,772	\$ 169,772	\$ 169,772	\$ 169,772	\$ 169,772	\$ 169,772

Table 1-2

City of North Port, Florida
Utility Rate Analysis

Projected Water and Wastewater User Rate Revenue Under Existing Rates

Line No.	Description	Fiscal Year Ending September 30,											
		Historical 2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Commercial Irrigation - Outside City													
25	Base Facility Charge	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253
26	Usage / Volume Charge	-	-	-	-	-	-	-	-	-	-	-	-
27	Total	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253	\$ 253
Total Retail Water User Rate Revenue													
28	Base Facility Charge	\$ 5,264,970	\$ 5,384,842	\$ 5,504,714	\$ 5,624,585	\$ 5,744,457	\$ 5,864,329	\$ 5,984,201	\$ 6,104,072	\$ 6,223,944	\$ 6,343,816	\$ 6,463,688	\$ 6,583,559
29	Usage / Volume Charge	4,323,082	4,423,117	4,523,153	4,623,188	4,723,224	4,823,259	4,923,295	5,023,330	5,123,366	5,223,402	5,323,437	5,423,473
30	Total	\$ 9,588,052	\$ 9,807,959	\$ 10,027,866	\$ 10,247,774	\$ 10,467,681	\$ 10,687,588	\$ 10,907,496	\$ 11,127,403	\$ 11,347,310	\$ 11,567,217	\$ 11,787,125	\$ 12,007,032
Bulk Water User Rate Revenue													
31	Base Facility Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	Usage / Volume Charge	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134
33	Total	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134	\$ 22,134
Total Retail Water User Rate Revenue													
34	Base Facility Charge	\$ 5,264,970	\$ 5,384,842	\$ 5,504,714	\$ 5,624,585	\$ 5,744,457	\$ 5,864,329	\$ 5,984,201	\$ 6,104,072	\$ 6,223,944	\$ 6,343,816	\$ 6,463,688	\$ 6,583,559
35	Usage / Volume Charge	4,345,216	4,445,251	4,545,287	4,645,322	4,745,358	4,845,394	4,945,429	5,045,465	5,145,500	5,245,536	5,345,571	5,445,607
36	Total	\$ 9,610,186	\$ 9,830,093	\$ 10,050,001	\$ 10,269,908	\$ 10,489,815	\$ 10,709,722	\$ 10,929,630	\$ 11,149,537	\$ 11,369,444	\$ 11,589,352	\$ 11,809,259	\$ 12,029,166
WASTEWATER USER RATE REVENUE													
Single Family Residential - Inside City													
37	Base Facility Charge	\$ 4,408,843	\$ 4,562,019	\$ 4,715,196	\$ 4,868,373	\$ 5,021,549	\$ 5,174,726	\$ 5,327,903	\$ 5,481,079	\$ 5,634,256	\$ 5,787,433	\$ 5,940,609	\$ 6,093,786
38	Usage / Volume Charge	2,429,028	2,513,427	2,597,825	2,682,224	2,766,622	2,851,020	2,935,419	3,019,817	3,104,216	3,188,614	3,273,013	3,357,411
39	Total	\$ 6,837,871	\$ 7,075,446	\$ 7,313,021	\$ 7,550,596	\$ 7,788,171	\$ 8,025,746	\$ 8,263,322	\$ 8,500,897	\$ 8,738,472	\$ 8,976,047	\$ 9,213,622	\$ 9,451,197
Master-Metered Residential - Inside City													
40	Base Facility Charge	\$ 296,156	\$ 301,345	\$ 306,533	\$ 311,722	\$ 316,910	\$ 322,098	\$ 327,287	\$ 332,475	\$ 337,664	\$ 342,852	\$ 348,041	\$ 353,229
41	Usage / Volume Charge	224,384	227,125	229,865	232,606	235,347	238,087	240,828	243,569	246,309	249,050	251,791	254,532
42	Total	\$ 520,540	\$ 528,469	\$ 536,398	\$ 544,327	\$ 552,257	\$ 560,186	\$ 568,115	\$ 576,044	\$ 583,973	\$ 591,903	\$ 599,832	\$ 607,761
Commercial - Inside City													
43	Base Facility Charge	\$ 589,488	\$ 603,325	\$ 617,162	\$ 630,999	\$ 644,836	\$ 658,672	\$ 672,509	\$ 686,346	\$ 700,183	\$ 714,020	\$ 727,857	\$ 741,693
44	Usage / Volume Charge	591,549	605,197	618,845	632,493	646,140	659,788	673,436	687,084	700,732	714,380	728,028	741,676
45	Total	\$ 1,181,037	\$ 1,208,522	\$ 1,236,007	\$ 1,263,491	\$ 1,290,976	\$ 1,318,461	\$ 1,345,946	\$ 1,373,430	\$ 1,400,915	\$ 1,428,400	\$ 1,455,885	\$ 1,483,369
Single Family Residential - Outside City													
46	Base Facility Charge	\$ 1,198,119	\$ 1,198,119	\$ 1,198,119	\$ 1,198,119	\$ 1,198,119	\$ 1,198,119	\$ 1,198,119	\$ 1,198,119	\$ 1,198,119	\$ 1,198,119	\$ 1,198,119	\$ 1,198,119
47	Usage / Volume Charge	371,654	371,654	371,654	371,654	371,654	371,654	371,654	371,654	371,654	371,654	371,654	371,654
48	Total	\$ 1,569,773	\$ 1,569,773	\$ 1,569,773	\$ 1,569,773	\$ 1,569,773	\$ 1,569,773	\$ 1,569,773	\$ 1,569,773	\$ 1,569,773	\$ 1,569,773	\$ 1,569,773	\$ 1,569,773

Table 1-2

City of North Port, Florida
Utility Rate Analysis

Projected Water and Wastewater User Rate Revenue Under Existing Rates

Line No.	Description	Historical		Fiscal Year Ending September 30,										
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Master-Metered Residential - Outside City														
49	Base Facility Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
50	Usage / Volume Charge	-	-	-	-	-	-	-	-	-	-	-	-	-
51	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commercial - Outside City														
52	Base Facility Charge	\$ 25,526	\$ 25,526	\$ 25,526	\$ 25,526	\$ 25,526	\$ 25,526	\$ 25,526	\$ 25,526	\$ 25,526	\$ 25,526	\$ 25,526	\$ 25,526	\$ 25,526
53	Usage / Volume Charge	49,265	49,265	49,265	49,265	49,265	49,265	49,265	49,265	49,265	49,265	49,265	49,265	49,265
54	Total	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792	\$ 74,792
Total Wastewater User Rate Revenue														
55	Base Facility Charge	\$ 6,518,132	\$ 6,690,334	\$ 6,862,536	\$ 7,034,738	\$ 7,206,940	\$ 7,379,142	\$ 7,551,344	\$ 7,723,546	\$ 7,895,748	\$ 8,067,950	\$ 8,240,152	\$ 8,412,354	\$ 8,412,354
56	Usage / Volume Charge	3,665,880	3,766,667	3,867,454	3,968,241	4,069,028	4,169,815	4,270,602	4,371,389	4,472,176	4,572,963	4,673,751	4,774,538	4,774,538
57	Total	\$10,184,012	\$10,457,001	\$10,729,990	\$11,002,979	\$11,275,968	\$11,548,957	\$11,821,946	\$12,094,935	\$12,367,925	\$12,640,914	\$12,913,903	\$13,186,892	\$13,186,892
TOTAL USER RATE REVENUE														
58	RECOGNIZED - Retail and Bulk	<u>\$19,794,198</u>	<u>\$20,287,094</u>	<u>\$20,779,991</u>	<u>\$21,272,887</u>	<u>\$21,765,783</u>	<u>\$22,258,680</u>	<u>\$22,751,576</u>	<u>\$23,244,472</u>	<u>\$23,737,369</u>	<u>\$24,230,265</u>	<u>\$24,723,162</u>	<u>\$25,216,058</u>	<u>\$25,216,058</u>
TOTAL USER RATE REVENUE														
	RECOGNIZED - Retail Only	<u>\$19,772,064</u>	<u>\$20,264,960</u>	<u>\$20,757,857</u>	<u>\$21,250,753</u>	<u>\$21,743,649</u>	<u>\$22,236,546</u>	<u>\$22,729,442</u>	<u>\$23,222,338</u>	<u>\$23,715,235</u>	<u>\$24,208,131</u>	<u>\$24,701,027</u>	<u>\$25,193,924</u>	<u>\$25,193,924</u>

Table 1-3

City of North Port, Florida
Utility Rate Analysis
Water System

Development of Net Revenue Requirements from User Rates and Projected Revenue Adjustments - Water System

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Operating Expenses												
1	Administration / Customer Service	\$ 1,990,710	\$ 2,077,996	\$ 2,330,102	\$ 2,440,113	\$ 2,554,615	\$ 2,670,738	\$ 2,791,935	\$ 2,918,673	\$ 3,051,207	\$ 3,189,804	\$ 3,325,439
2	Water System	5,246,581	5,329,641	5,812,594	6,378,512	6,648,168	6,927,523	7,222,189	7,529,443	7,849,823	8,183,891	8,531,679
3	Field Operations	2,354,182	2,613,984	2,713,766	2,854,073	3,091,142	3,204,639	3,321,743	3,443,404	3,569,807	3,701,142	3,838,003
4	Engineering	439,300	435,485	478,737	497,860	579,004	601,005	623,760	647,413	671,999	697,557	724,245
5	Total Operating Expenses	\$ 10,030,773	\$ 10,457,106	\$ 11,335,199	\$ 12,170,557	\$ 12,872,930	\$ 13,403,905	\$ 13,959,628	\$ 14,538,933	\$ 15,142,836	\$ 15,772,394	\$ 16,419,365
Debt Service												
6	Utility System Refunding Revenue Bonds, Series 2005 (Private Placement)	\$ 19,769	\$ 19,827	\$ 19,853	\$ 19,861	\$ 19,836	\$ 19,780	\$ 19,853	\$ 19,724	\$ 19,724	\$ 19,845	\$ 19,756
7	Utility System Refunding Revenue Bonds, Series 2014 (BB&T Refunding Note)	608,444	608,618	608,950	609,013	-	-	-	-	-	-	-
8	Additional Senior Lien Debt 1	-	-	-	-	-	-	1,259,675	1,259,675	1,259,675	1,259,675	1,259,675
9	Total Debt Service	\$ 628,214	\$ 628,445	\$ 628,803	\$ 628,874	\$ 19,836	\$ 19,780	\$ 1,279,528	\$ 1,279,400	\$ 1,279,400	\$ 1,279,520	\$ 1,279,432
Other Revenue Requirements												
10	Transfer to Capital Replacement and Improvement Fund	\$ 2,567,084	\$ 7,731,533	\$ -	\$ 854,732	\$ 2,473,014	\$ 2,262,757	\$ 2,589,525	\$ 1,762,660	\$ 1,557,525	\$ 1,783,971	\$ 1,769,856
11	Capital Funded from Rates	662,029	368,330	566,897	581,069	595,596	609,890	623,918	638,268	652,948	667,966	683,997
12	Transfer to Renewal and Replacement Fund	-	-	-	-	-	24,211	33,966	35,705	37,527	39,446	41,469
13	Total Other Revenue Requirements	\$ 3,229,113	\$ 8,099,862	\$ 566,897	\$ 1,435,801	\$ 3,068,610	\$ 2,896,858	\$ 3,247,408	\$ 2,436,632	\$ 2,247,999	\$ 2,491,383	\$ 2,495,322
14	Gross Revenue Requirements	\$ 13,888,099	\$ 19,185,414	\$ 12,530,899	\$ 14,235,232	\$ 15,961,377	\$ 16,320,543	\$ 18,486,564	\$ 18,254,965	\$ 18,670,234	\$ 19,543,297	\$ 20,194,119
Less Income and Funds from Other Sources												
15	Other Operating Revenue	\$ 1,690,038	\$ 1,529,053	\$ 1,529,053	\$ 1,529,053	\$ 1,529,053	\$ 1,529,053	\$ 1,529,053	\$ 1,529,053	\$ 1,529,053	\$ 1,529,053	\$ 1,529,053
16	Bulk Water Revenue	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134
17	Unrestricted Interest Income	121,285	110,996	71,992	72,886	68,156	66,084	74,963	74,025	78,511	87,981	98,707
18	Capacity Fees Used to Pay City Debt Service	-	-	-	-	-	-	-	-	-	-	-
19	Capacity Fees Used to Pay Peace River Debt Service	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,225,000	1,200,000	1,450,000
20	Grant Reimbursement	306,712	-	-	-	-	-	-	-	-	-	-
21	Net Revenue Requirements	\$ 11,747,930	\$ 16,523,231	\$ 9,907,720	\$ 11,611,158	\$ 13,342,034	\$ 13,703,272	\$ 15,860,414	\$ 15,629,753	\$ 15,815,536	\$ 16,704,129	\$ 17,094,225
Revenue from Existing Rates												
22	Water System Rate Revenue	\$ 9,807,959	\$ 10,027,866	\$ 10,247,774	\$ 10,467,681	\$ 10,687,588	\$ 10,907,496	\$ 11,127,403	\$ 11,347,310	\$ 11,567,217	\$ 11,787,125	\$ 12,007,032
23	Prior Year Rate Adjustment	-	-	409,900	854,200	1,334,500	1,852,700	2,410,800	3,010,700	3,654,500	4,344,400	5,082,700
24	Total Applicable Rate Revenue	\$ 9,807,959	\$ 10,027,866	\$ 10,657,674	\$ 11,321,881	\$ 12,022,088	\$ 12,760,196	\$ 13,538,203	\$ 14,358,010	\$ 15,221,717	\$ 16,131,525	\$ 17,089,732
25	Rate Adjustments	0.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
26	Effective Months	12	12	12	12	12	12	12	12	12	12	12
27	Percent of Current Year Effective	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
28	Revenue from Current Rate Adjustment	\$ -	\$ 401,100	\$ 426,300	\$ 452,900	\$ 480,900	\$ 510,400	\$ 541,500	\$ 574,300	\$ 608,900	\$ 645,300	\$ 683,600
29	Total Rate Revenue	\$ 9,807,959	\$ 10,428,966	\$ 11,083,974	\$ 11,774,781	\$ 12,502,988	\$ 13,270,596	\$ 14,079,703	\$ 14,932,310	\$ 15,830,617	\$ 16,776,825	\$ 17,773,332
30	Revenue Surplus/(Deficiency) Under Proposed Rates	\$ (1,939,971)	\$ (6,094,265)	\$ 1,176,254	\$ 163,623	\$ (839,045)	\$ (432,677)	\$ (1,780,711)	\$ (697,443)	\$ 15,081	\$ 72,695	\$ 679,107

Table 1-4

City of North Port, Florida
Utility Rate Analysis
Wastewater System

Development of Net Revenue Requirements from User Rates and Projected Revenue Adjustments - Wastewater System

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Operating Expenses												
1	Administration / Customer Service	\$ 1,981,983	\$ 2,081,429	\$ 2,288,912	\$ 2,394,007	\$ 2,505,749	\$ 2,619,968	\$ 2,739,132	\$ 2,863,710	\$ 2,993,954	\$ 3,130,125	\$ 3,265,920
2	Wastewater System	1,747,466	2,240,260	2,355,230	2,474,001	2,599,885	2,729,985	2,866,231	3,009,046	3,158,741	3,315,640	3,480,237
3	Field Operations	2,029,428	2,278,826	2,368,241	2,489,443	2,677,827	2,779,204	2,883,930	2,992,854	3,106,151	3,224,003	3,347,031
4	Engineering	426,990	424,575	468,148	486,816	536,671	557,432	578,939	601,304	624,562	648,749	673,991
5	Total Operating Expenses	\$ 6,185,867	\$ 7,025,089	\$ 7,480,532	\$ 7,844,267	\$ 8,320,132	\$ 8,686,588	\$ 9,068,231	\$ 9,466,914	\$ 9,883,408	\$ 10,318,516	\$ 10,767,179
Debt Service												
6	Utility System Refunding Revenue Bonds, Series 2005 (Private Placement)	\$ 596,102	\$ 597,851	\$ 598,607	\$ 598,849	\$ 598,123	\$ 596,429	\$ 598,607	\$ 594,735	\$ 594,735	\$ 598,365	\$ 595,703
7	Utility System Refunding Revenue Bonds, Series 2014 (BB&T Refunding Note)	843,690	843,931	844,392	844,479	-	-	-	-	-	-	-
8	SRF Loan WW668010	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657
9	SRF Loan WW580700	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626
10	SRF Loan WW580701	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485
11	Additional Junior Lien Debt 1	-	-	-	-	186,222	186,222	186,222	186,222	186,222	186,222	186,222
12	Total Debt Service	\$ 3,169,560	\$ 3,171,549	\$ 3,172,766	\$ 3,173,095	\$ 2,514,113	\$ 2,512,419	\$ 2,514,596	\$ 2,510,725	\$ 2,510,725	\$ 2,514,355	\$ 2,511,693
Other Revenue Requirements												
13	Transfer to Capital Replacement and Improvement Fund	\$ 1,699,844	\$ 4,322,419	\$ 2,205,219	\$ 1,081,384	\$ 1,120,081	\$ 1,023,362	\$ 1,031,208	\$ 1,196,086	\$ 1,000,479	\$ 1,006,855	\$ 982,682
14	Capital Funded from Rates	1,540,541	1,136,868	1,435,750	1,471,644	1,508,435	1,544,637	1,580,164	1,616,508	1,653,688	1,691,722	1,732,324
15	Transfer to Renewal and Replacement Fund	-	-	-	-	-	23,093	31,984	33,180	34,403	35,664	36,966
16	Total Other Revenue Requirements	\$ 3,240,385	\$ 5,459,287	\$ 3,640,969	\$ 2,553,028	\$ 2,628,516	\$ 2,591,093	\$ 2,643,356	\$ 2,845,774	\$ 2,688,570	\$ 2,734,242	\$ 2,751,972
17	Gross Revenue Requirements	\$ 12,595,811	\$ 15,655,926	\$ 14,294,267	\$ 13,570,390	\$ 13,462,760	\$ 13,790,100	\$ 14,226,184	\$ 14,823,412	\$ 15,082,703	\$ 15,567,113	\$ 16,030,843
Less Income and Funds from Other Sources												
18	Other Operating Revenue	\$ 912,172	\$ 904,581	\$ 904,581	\$ 904,581	\$ 904,581	\$ 904,581	\$ 904,581	\$ 904,581	\$ 904,581	\$ 904,581	\$ 904,581
19	Unrestricted Interest Income	135,177	122,439	75,986	75,985	74,685	71,808	76,605	74,908	78,372	86,332	95,159
20	Capacity Fees Used to Pay City Debt Service	200,000	450,000	450,000	300,000	-	900,000	800,000	800,000	700,000	725,000	725,000
21	Grant Reimbursement	355,820	-	-	-	-	-	-	-	-	-	-
22	Net Revenue Requirements	\$ 10,992,643	\$ 14,178,906	\$ 12,863,699	\$ 12,289,824	\$ 12,483,494	\$ 11,913,710	\$ 12,444,997	\$ 13,043,923	\$ 13,399,749	\$ 13,851,199	\$ 14,306,103
Revenue from Existing Rates												
23	Wastewater System Rate Revenue	\$ 10,457,001	\$ 10,729,990	\$ 11,002,979	\$ 11,275,968	\$ 11,548,957	\$ 11,821,946	\$ 12,094,935	\$ 12,367,925	\$ 12,640,914	\$ 12,913,903	\$ 13,186,892
24	Prior Year Rate Adjustment	-	-	220,100	455,500	706,900	974,500	1,258,900	1,560,400	1,879,500	2,216,800	2,572,700
25	Total Applicable Rate Revenue	\$ 10,457,001	\$ 10,729,990	\$ 11,223,079	\$ 11,731,468	\$ 12,255,857	\$ 12,796,446	\$ 13,353,835	\$ 13,928,325	\$ 14,520,414	\$ 15,130,703	\$ 15,759,592
26	Rate Adjustments	0.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
27	Effective Months	12	12	12	12	12	12	12	12	12	12	12
28	Percent of Current Year Effective	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
29	Revenue from Current Rate Adjustment	\$ -	\$ 214,600	\$ 224,500	\$ 234,600	\$ 245,100	\$ 255,900	\$ 267,100	\$ 278,600	\$ 290,400	\$ 302,600	\$ 315,200
30	Total Rate Revenue	\$ 10,457,001	\$ 10,944,590	\$ 11,447,579	\$ 11,966,068	\$ 12,500,957	\$ 13,052,346	\$ 13,620,935	\$ 14,206,925	\$ 14,810,814	\$ 15,433,303	\$ 16,074,792
31	Revenue Surplus/(Deficiency) Under Proposed Rates	\$ (535,642)	\$ (3,234,316)	\$ (1,416,120)	\$ (323,756)	\$ 17,464	\$ 1,138,636	\$ 1,175,938	\$ 1,163,001	\$ 1,411,064	\$ 1,582,103	\$ 1,768,689

Table 1-5
City of North Port, Florida
Utility Rate Analysis
Combined Water and Wastewater System

Projected Net Revenue Requirements - Combined Water and Wastewater System

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Operating Expenses												
1	Administration / Customer Service	\$ 3,972,692	\$ 4,159,425	\$ 4,619,014	\$ 4,834,120	\$ 5,060,364	\$ 5,290,706	\$ 5,531,067	\$ 5,782,383	\$ 6,045,160	\$ 6,319,928	\$ 6,591,359
2	Water System	5,246,581	5,329,641	5,812,594	6,378,512	6,648,168	6,927,523	7,222,189	7,529,443	7,849,823	8,183,891	8,531,679
3	Wastewater System	1,747,466	2,240,260	2,355,230	2,474,001	2,599,885	2,729,985	2,866,231	3,009,046	3,158,741	3,315,640	3,480,237
4	Field Operations	4,383,610	4,892,810	5,082,007	5,343,515	5,768,969	5,983,843	6,205,673	6,436,258	6,675,958	6,925,145	7,185,034
5	Engineering	866,290	860,060	946,885	984,676	1,115,676	1,158,436	1,202,699	1,248,717	1,296,561	1,346,306	1,398,235
6	Total Operating Expenses	\$ 16,216,639	\$ 17,482,196	\$ 18,815,730	\$ 20,014,824	\$ 21,193,062	\$ 22,090,493	\$ 23,027,859	\$ 24,005,847	\$ 25,026,243	\$ 26,090,910	\$ 27,186,544
Debt Service												
7	Utility System Refunding Revenue Bonds, Series 2005 (Private Placement)	\$ 615,872	\$ 617,678	\$ 618,459	\$ 618,709	\$ 617,959	\$ 616,209	\$ 618,459	\$ 614,459	\$ 614,459	\$ 618,209	\$ 615,459
8	Utility System Refunding Revenue Bonds, Series 2014 (BB&T Refunding Note)	1,452,135	1,452,549	1,453,342	1,453,493	-	-	-	-	-	-	-
9	SRF Loan WW668010	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657
10	SRF Loan WW580700	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626
11	SRF Loan WW580701	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485
12	Additional Senior Lien Debt 1	-	-	-	-	-	-	1,259,675	1,259,675	1,259,675	1,259,675	1,259,675
13	Additional Junior Lien Debt 1	-	-	-	-	186,222	186,222	186,222	186,222	186,222	186,222	186,222
14	Total Debt Service	\$ 3,797,774	\$ 3,799,995	\$ 3,801,569	\$ 3,801,969	\$ 2,533,949	\$ 2,532,199	\$ 3,794,124	\$ 3,790,124	\$ 3,790,124	\$ 3,793,874	\$ 3,791,124
Other Revenue Requirements												
15	Transfer to Capital Replacement Fund	\$ 4,266,928	\$ 12,053,952	\$ 2,205,219	\$ 1,936,116	\$ 3,593,095	\$ 3,286,119	\$ 3,620,733	\$ 2,958,745	\$ 2,558,004	\$ 2,790,827	\$ 2,752,538
16	Capital Funded from Rates	2,202,570	1,505,198	2,002,647	2,052,713	2,104,031	2,154,528	2,204,082	2,254,776	2,306,636	2,359,688	2,416,321
17	Transfer to Renewal and Replacement Fund	-	-	-	-	-	47,304	65,950	68,885	71,930	75,110	78,435
18	Total Other Revenue Requirements	\$ 6,469,498	\$ 13,559,150	\$ 4,207,866	\$ 3,988,829	\$ 5,697,126	\$ 5,487,951	\$ 5,890,765	\$ 5,282,406	\$ 4,936,569	\$ 5,225,625	\$ 5,247,294
19	Gross Revenue Requirements	\$ 26,483,911	\$ 34,841,340	\$ 26,825,165	\$ 27,805,622	\$ 29,424,137	\$ 30,110,643	\$ 32,712,748	\$ 33,078,377	\$ 33,752,937	\$ 35,110,409	\$ 36,224,962
Less Income and Funds from Other Sources												
20	Other Operating Revenue	\$ 2,602,210	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634
21	Bulk Water Revenue	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134
22	Unrestricted Interest Income	256,462	233,435	147,978	148,871	142,841	137,892	151,568	148,933	156,883	174,313	193,867
23	Capacity Fees Used to Pay City Debt Service	200,000	450,000	450,000	300,000	-	900,000	800,000	800,000	700,000	725,000	725,000
24	Capacity Fees Used to Pay Peace River Debt Service	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,225,000	1,200,000	1,450,000
25	Grant Reimbursement	662,532	-	-	-	-	-	-	-	-	-	-
26	Net Revenue Requirements	\$ 22,740,573	\$ 30,702,137	\$ 22,771,419	\$ 23,900,983	\$ 25,825,527	\$ 25,616,982	\$ 28,305,411	\$ 28,673,676	\$ 29,215,286	\$ 30,555,329	\$ 31,400,327
Revenue from Existing Rates												
27	System Rate Revenue	\$ 20,264,960	\$ 20,757,857	\$ 21,250,753	\$ 21,743,649	\$ 22,236,546	\$ 22,729,442	\$ 23,222,338	\$ 23,715,235	\$ 24,208,131	\$ 24,701,027	\$ 25,193,924
28	Prior Year Rate Adjustment	-	-	630,000	1,309,700	2,041,400	2,827,200	3,669,700	4,571,100	5,534,000	6,561,200	7,655,400
29	Total Applicable Rate Revenue	\$ 20,264,960	\$ 20,757,857	\$ 21,880,753	\$ 23,053,349	\$ 24,277,946	\$ 25,556,642	\$ 26,892,038	\$ 28,286,335	\$ 29,742,131	\$ 31,262,227	\$ 32,849,324
30	Effective Months	12	12	12	12	12	12	12	12	12	12	12
31	Percent of Current Year Effective	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
32	Revenue from Current Rate Adjustment w/ Effective Months	\$ -	\$ 615,700	\$ 650,800	\$ 687,500	\$ 726,000	\$ 766,300	\$ 808,600	\$ 852,900	\$ 899,300	\$ 947,900	\$ 998,800
33	Revenue from Current Rate Adjustment w/ Full Year Implementation	\$ -	\$ 615,700	\$ 650,800	\$ 687,500	\$ 726,000	\$ 766,300	\$ 808,600	\$ 852,900	\$ 899,300	\$ 947,900	\$ 998,800
34	Total Revenue w/ Effective Months	\$ 20,264,960	\$ 21,373,557	\$ 22,531,553	\$ 23,740,849	\$ 25,003,946	\$ 26,322,942	\$ 27,700,638	\$ 29,139,235	\$ 30,641,431	\$ 32,210,127	\$ 33,848,124
35	Total Revenue w/ Full Year Implementation	\$ 20,264,960	\$ 21,373,557	\$ 22,531,553	\$ 23,740,849	\$ 25,003,946	\$ 26,322,942	\$ 27,700,638	\$ 29,139,235	\$ 30,641,431	\$ 32,210,127	\$ 33,848,124
36	Revenue Adjustment w/ Effective Months	0.00%	2.97%	2.97%	2.98%	2.99%	3.00%	3.01%	3.02%	3.02%	3.03%	3.04%
37	Revenue Adjustment w/ Full Year Implementation	0.00%	2.97%	2.97%	2.98%	2.99%	3.00%	3.01%	3.02%	3.02%	3.03%	3.04%

Table I-6
City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Allocation of Utility Operating Expenses to Individual Systems

Line No.	Division Code	Expense Code	Description	Actual	Actual	Actual	Actual	Unaudited	Budgeted	Adjusted	Budgeted	Adjusted	Allocation Amounts								
				Fiscal Year 2014	Fiscal Year 2015	Fiscal Year 2016	Fiscal Year 2017	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020	Fiscal Year 2019	Fiscal Year 2020	Basis	Percent Allocation	Fiscal Year 2019	Fiscal Year 2020	Water	Wastewater			
74	6061	AddPers	Additional Personnel	-	-	-	-	-	-	-	-	-	Input	0.00%	0.00%	-	-	-	-		
75	6061	3103	Engineer/Architect	-	82,828	71,736	-	-	9,000	9,000	9,000	9,000	Direct-W	100.00%	0.00%	9,000	-	9,000	-		
76	6061	3104	Medical Services	-	180	90	180	365	160	160	160	160	Direct-W	100.00%	0.00%	160	-	160	-		
77	6061	3105	Other Professional Services	186,347	201,400	156,924	246,009	193,683	545,510	545,510	415,970	415,970	Direct-W	100.00%	0.00%	545,510	-	415,970	-		
78	6061	4000	Travel and Per Diem	963	1,771	4,180	3,717	1,916	5,330	5,330	5,330	5,330	Direct-W	100.00%	0.00%	5,330	-	5,330	-		
79	6061	4100	Communication Services	13,457	16,289	16,045	15,800	18,940	14,220	14,220	14,060	14,060	Direct-W	100.00%	0.00%	14,220	-	14,060	-		
80	6061	4200	Postage and Mailing	75	-	72	10	109	520	520	520	520	Direct-W	100.00%	0.00%	520	-	520	-		
81	6061	4302	Electric	224,422	181,932	193,093	206,775	199,874	240,000	240,000	254,000	254,000	Direct-W	100.00%	0.00%	240,000	-	254,000	-		
82	6061	4312	Hillsborough (Electricity for Hillsborough Booster Station) Water Purchase For Resale:	76,418	82,439	86,630	97,209	104,533	103,070	103,070	107,200	107,200	Direct-W	100.00%	0.00%	103,070	-	107,200	-		
83	6061	4390PR	Peace River Water Supply Authority	2,690,969	2,598,103	2,638,640	2,598,773	2,597,451	2,706,700	(19)	2,706,681	2,782,580	(9)	2,782,571	Direct-W	100.00%	0.00%	2,706,681	-	2,782,571	-
84	6061	4400	Rentals and Leases	-	-	-	4,329	-	-	-	-	-	Direct-W	100.00%	0.00%	-	-	-	-		
85	6061	4601	Repairs and Maintenance / Office Equipment	11,718	11,835	11,913	1,379	16,602	21,510	21,510	21,510	21,510	21,510	Direct-W	100.00%	0.00%	21,510	-	21,510	-	
86	6061	4604	Repairs and Maintenance / Buildings	12,500	1,313	26,527	19,104	14,083	9,360	9,360	4,120	4,120	4,120	Direct-W	100.00%	0.00%	9,360	-	4,120	-	
87	6061	4609	Repairs and Maintenance / Landscaping	-	-	13,970	15,240	15,240	26,410	26,410	29,400	29,400	29,400	Direct-W	100.00%	0.00%	26,410	-	29,400	-	
88	6061	4611	Repairs and Maintenance/Special Equipment	126,076	97,894	140,189	208,380	301,326	272,250	272,250	312,300	312,300	312,300	Direct-W	100.00%	0.00%	272,250	-	312,300	-	
89	6061	4650	Fleet - Administration	1,420	1,170	1,080	6,460	4,170	4,170	3,360	3,360	3,360	Direct-W	100.00%	0.00%	4,170	-	3,360	-		
90	6061	4651	Fleet - Labor	4,535	2,546	4,145	2,586	1,940	1,950	2,100	2,100	2,100	Direct-W	100.00%	0.00%	1,950	-	2,100	-		
91	6061	4652	Fleet - Parts	1,788	1,248	2,568	3,545	2,330	2,660	2,800	2,800	2,800	Direct-W	100.00%	0.00%	2,660	-	2,800	-		
92	6061	4653	Fleet - Outsourced	-	-	-	-	130	130	150	150	150	Direct-W	100.00%	0.00%	130	-	150	-		
93	6061	4700	Printing and Binding	285	330	300	136	275	350	350	350	350	Direct-W	100.00%	0.00%	350	-	350	-		
94	6061	4900	Other Current Charges	-	-	258	201	-	-	-	-	-	Direct-W	100.00%	0.00%	-	-	-	-		
95	6061	4905	Equipment Inspections and Testing	300	300	-	-	-	400	400	400	400	Direct-W	100.00%	0.00%	400	-	400	-		
96	6061	4912	Ads and Legal Notices	-	200	90	-	-	100	100	100	100	Direct-W	100.00%	0.00%	100	-	100	-		
97	6061	4914	Licenses / Fees / Permits	4,876	4,650	5,940	4,850	4,710	5,240	5,240	5,200	5,200	Direct-W	100.00%	0.00%	5,240	-	5,200	-		
98	6061	5100	Office Supplies	487	133	938	531	374	500	500	500	500	Direct-W	100.00%	0.00%	500	-	500	-		
99	6061	5201	Other Operating Supplies	31,171	35,487	29,081	28,561	22,338	35,700	35,700	35,700	35,700	Direct-W	100.00%	0.00%	35,700	-	35,700	-		
100	6061	5202	Fuel	3,549	2,709	1,665	1,629	1,729	2,160	2,160	2,000	2,000	Direct-W	100.00%	0.00%	2,160	-	2,000	-		
101	6061	5203	Oil and Lube	-	-	-	-	-	-	-	-	-	Direct-W	100.00%	0.00%	-	-	-	-		
102	6061	5204	Diesel Fuel	9,934	4,776	2,256	2,560	9,184	20,970	20,970	20,970	20,970	20,970	Direct-W	100.00%	0.00%	20,970	-	20,970	-	
103	6061	5205	Chemicals	244,542	224,347	231,112	281,240	318,671	375,000	375,000	421,000	421,000	421,000	Direct-W	100.00%	0.00%	375,000	-	421,000	-	
104	6061	5207	Uniforms	765	639	3,567	807	762	2,490	2,490	1,760	1,760	Direct-W	100.00%	0.00%	2,490	-	1,760	-		
105	6061	5250	Minor Operating Equipment	33,175	125,403	26,084	48,222	21,341	22,580	22,580	53,830	53,830	Direct-W	100.00%	0.00%	22,580	-	53,830	-		
106	6061	5400	Books / Subscriptions / Memberships	491	668	790	590	630	1,420	1,420	1,520	1,520	Direct-W	100.00%	0.00%	1,420	-	1,520	-		
107	6061	5500	Training and Education	2,090	4,842	6,236	7,639	2,180	11,220	11,220	11,220	11,220	Direct-W	100.00%	0.00%	11,220	-	11,220	-		
108	6061	5900	Depreciation	1,133,448	1,386,378	1,501,376	1,573,497	1,648,961	1,626,670	(1,626,670)	1,651,730	(1,651,730)	1,651,730	Direct-W	100.00%	0.00%	-	-	-	-	
109	6061	6200	Buildings	-	-	-	-	-	50,000	(50,000)	-	-	Direct-W	100.00%	0.00%	-	-	-	-		
110	6061	6300	Improvements Other Than Buildings	-	-	-	-	-	5,941,151	(5,941,151)	-	-	Direct-W	100.00%	0.00%	-	-	-	-		
111	6061	6400	Capital Machinery and Equipment	-	-	-	-	-	179,425	(179,425)	-	-	Direct-W	100.00%	0.00%	-	-	-	-		
112	Total Water System			\$ 5,386,783	\$ 5,762,760	\$ 5,798,308	\$ 6,060,745	\$ 6,257,655	\$ 13,043,846	\$ (7,797,265)	\$ 5,246,581	\$ 11,217,180	\$ (5,887,539)	\$ 5,329,641			\$ 5,246,581	\$ -	\$ 5,329,641	\$ -	
Wastewater System																					
113	6062	1200	Regular Salaries	\$ 349,906	\$ 392,753	\$ 419,143	\$ 424,339	\$ 473,115	\$ 578,770	\$ -	\$ 578,770	\$ 615,830	\$ -	\$ 615,830	Direct-S	0.00%	100.00%	\$ -	\$ 578,770	\$ -	\$ 615,830
114	6062	1400	Overtime	19,218	19,475	17,007	26,659	25,256	23,960	24,330	24,330	24,330	24,330	Direct-S	0.00%	100.00%	-	23,960	-	24,330	
115	6062	1508	Clothing / Cleaning Allowance	-	360	540	630	540	1,800	1,800	1,800	1,800	Direct-S	0.00%	100.00%	-	1,800	-	1,800		
116	6062	2100	FICA	26,810	30,209	32,183	32,830	36,262	44,610	44,610	47,350	47,350	Direct-S	0.00%	100.00%	-	44,610	-	47,350		
117	6062	2201	Florida Retirement System	28,078	109,450	30,936	27,570	55,434	50,370	50,370	54,230	54,230	Direct-S	0.00%	100.00%	-	50,370	-	54,230		
118	6062	2300	Insurance - Health	38,134	50,842	54,896	71,859	91,399	107,070	107,070	127,890	127,890	Direct-S	0.00%	100.00%	-	107,070	-	127,890		
119	6062	2302	Vision Care	439	463	449	636	553	680	680	600	600	Direct-S	0.00%	100.00%	-	680	-	600		
120	6062	2304	Dental, Life, and Disability	-	-	-	-	-	10,860	10,860	9,090	9,090	Direct-S	0.00%	100.00%	-	10,860	-	9,090		
121	6062	2400	Workers' Compensation	4,121	4,637	4,840	4,840	4,840	2,050	2,050	2,050	2,050	Direct-S	0.00%	100.00%	-	2,050	-	2,050		
122	6062	2600	Compensated Absences	(123)	1,369	3,389	(1,302)	(9,882)	-	-	-	-	Direct-S	0.00%	100.00%	-	-	-	-		
123	6062	AddPers	Additional Personnel	-	-	-	-	-	-	-	-	-	Input	0.00%	0.00%	-	-	-	-		
124	6062	3104	Medical Services	-	231	143	127	289	340	340	160	160	Direct-S	0.00%	100.00%	-	340	-	160		
125	6062	3105SLUDGE	Other Professional Services - Sludge Hauling	413,597	141,023	178,262	340,802	276,086	210,806	210,806	246,330	246,330	246,330	Direct-S	0.00%	100.00%	-	210,806	-	246,330	
126	6062	4000	Travel and Per Diem	522	1,159	775	1,612	2,296	6,630	7,040	7,040	7,040	Direct-S	0.00%	100.00%	-	6,630	-	7,040		
127	6062	4100	Communication Services	6,657	5,158	5,331	3,727	4,486	7,340	7,340	22,500	22,500	Direct-S	0.00%	100.00%	-	7,340	-	22,500		
128	6062	4200	Postage and Mailing	6	21	36	8	47	70	70	140	140	Direct-S	0.00%	100.00%	-	70	-	140		
129	6062	4301	Water and Sewer	1,433	1,265	1,326	1,385	2,482	1,500	1,500	3,000	3,000	Direct-S	0.00%	100.00%	-	1,500	-	3,000		
130	6062	4302	Electric	228,550	230,968	214,355	290,513	282,068	280,000	280,000	560,000	560,000	Direct-S	0.00%	100.00%	-	280,000	-	560,000		
131	6062	4306	Electric - Wells	117	130	121	138	189	260	260</											

Table 1-6
City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Allocation of Utility Operating Expenses to Individual Systems

Line No.	Division Code	Expense Code	Description	Actual	Actual	Actual	Actual	Unaudited	Budgeted	Adjusted	Budgeted	Adjusted	Percent Allocation		Allocation Amounts						
				Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year 2019		Fiscal Year 2020									
				2014	2015	2016	2017	2018	2019	2020	2020	2020	2020	2020	Water	Wastewater	Water	Wastewater	Water	Wastewater	
147	6062	5203	Oil and Lube	-	-	-	-	-	-	-	-	-	-	0.00%	100.00%	-	-	-	-		
148	6062	5204	Diesel Fuel	8,664	4,006	2,808	8,919	4,907	12,000	12,000	30,000	30,000	0.00%	100.00%	-	-	12,000	-	30,000		
149	6062	5205	Chemicals	74,725	104,832	126,412	109,986	108,327	135,980	142,000	142,000	142,000	0.00%	100.00%	-	-	135,980	-	142,000		
150	6062	5207	Uniforms	773	1,295	1,811	1,574	1,517	3,100	3,100	3,490	3,490	0.00%	100.00%	-	-	3,100	-	3,490		
151	6062	5250	Minor Operating Equipment	4,602	41,829	23,940	9,768	8,130	10,010	10,010	7,200	7,200	0.00%	100.00%	-	-	10,010	-	7,200		
152	6062	5300	Road Materials	-	-	-	-	-	-	-	-	-	0.00%	100.00%	-	-	-	-	-		
153	6062	5400	Books / Subscriptions / Memberships	269	284	288	264	514	720	720	720	720	0.00%	100.00%	-	-	720	-	720		
154	6062	5500	Training and Education	1,239	1,677	4,388	1,995	7,110	11,090	11,090	14,340	14,340	0.00%	100.00%	-	-	11,090	-	14,340		
155	6062	5900	Depreciation	2,201,379	2,257,825	2,321,629	2,382,926	2,437,040	2,339,140	(2,339,140)	2,344,330	(2,344,330)	-	-	0.00%	100.00%	-	-	-	-	
156	6062	6200	Buildings	-	-	-	-	-	22,400	(22,400)	-	-	0.00%	100.00%	-	-	-	-	-		
157	6062	6300	Improvements Other Than Buildings	-	-	-	-	-	2,075,351	(2,075,351)	-	1,065,300	(1,065,300)	0.00%	100.00%	-	-	-	-	-	
158	6062	6400	Capital Machinery and Equipment	-	-	-	-	-	41,810	(41,810)	-	132,000	(132,000)	0.00%	100.00%	-	-	-	-	-	
159			Total Wastewater System	\$ 3,597,644	\$ 3,602,082	\$ 3,641,959	\$ 3,878,253	\$ 4,055,700	\$ 6,226,167	\$ (4,478,701)	\$ 1,747,466	\$ 5,781,890	\$ (3,541,630)	\$ 2,240,260			\$ -	\$ 1,747,466	\$ -	\$ 2,240,260	
			Field Operations																		
160	6063	1200	Regular Salaries	\$ 1,321,737	\$ 1,339,673	\$ 1,446,942	\$ 1,478,031	\$ 1,665,512	\$ 1,557,010	\$ -	\$ 1,557,010	\$ 1,653,590	\$ -	\$ 1,653,590	FieldOpRegSal	57.69%	42.31%	\$ 898,177	\$ 658,833	\$ 953,890	\$ 699,700
161	6063	1300	Other Salaries and Wages	-	-	-	-	-	-	-	68,430	-	68,430	FieldOpRegSal	57.69%	42.31%	-	-	39,475	28,955	
162	6063	1400	Overtime	111,186	124,856	172,203	174,936	176,270	130,010	-	130,010	133,910	-	133,910	FieldOpRegSal	57.69%	42.31%	74,998	55,012	77,247	56,663
163	6063	2100	FICA	100,617	103,454	115,657	117,718	131,562	122,180	-	122,180	129,450	-	129,450	FieldOpRegSal	57.69%	42.31%	70,481	51,699	74,675	54,775
164	6063	2201	Florida Retirement System	113,153	390,214	111,048	91,621	203,397	140,000	-	140,000	151,400	-	151,400	FieldOpRegSal	57.69%	42.31%	80,760	59,240	87,337	64,063
165	6063	2300	Insurance - Health	198,795	213,054	240,998	310,702	351,902	302,470	-	302,470	362,720	-	362,720	FieldOpRegSal	57.69%	42.31%	174,483	127,987	209,239	153,481
166	6063	2302	Vision Care	1,733	1,977	2,130	2,073	2,213	2,040	-	2,040	2,100	-	2,100	FieldOpRegSal	57.69%	42.31%	1,177	863	1,211	889
167	6063	2304	Dental, Life, and Disability	-	-	-	-	-	6,130	-	6,130	-	25,970	FieldOpRegSal	57.69%	42.31%	3,536	2,594	14,981	10,989	
168	6063	2400	Workers' Compensation	20,041	27,747	30,340	30,340	30,340	6,110	-	6,110	6,110	-	6,110	FieldOpRegSal	57.69%	42.31%	3,525	2,585	3,525	2,585
169	6063	2600	Compensated Absences	10,744	(14,202)	20,087	18,669	16,249	-	-	-	-	-	FieldOpRegSal	57.69%	42.31%	-	-	-	-	
170	6063	2700	Educational Assistance	-	-	-	-	-	2,500	-	2,500	-	-	FieldOpRegSal	57.69%	42.31%	1,442	1,058	-	-	
171	6063	AddPers	Additional Personnel	-	-	-	-	-	-	-	-	-	-	Input	0.00%	0.00%	-	-	-	-	
172	6063	3104	Medical Services	1,592	2,050	897	739	722	1,910	-	1,910	2,550	-	2,550	FieldOpRegSal	57.69%	42.31%	1,102	808	1,471	1,079
173	6063	3105	Other Professional Services	159,021	149,564	46,909	21,588	17,537	10,240	-	10,240	13,000	-	13,000	Lines	58.51%	41.49%	5,991	4,249	7,606	5,394
174	6063	3105BP	Other Professional Services - Backflow Preventor Progra	-	-	-	-	-	185,000	-	185,000	185,000	-	185,000	Direct-W	100.00%	0.00%	185,000	-	185,000	-
175	6063	3400	Other Contractual Services	-	-	-	-	53,968	-	-	-	-	-	Lines	58.51%	41.49%	-	-	-	-	
176	6063	4000	Travel and Per Diem	2,659	851	3,045	1,231	967	7,200	-	7,200	6,600	-	6,600	FieldOpRegSal	57.69%	42.31%	4,153	3,047	3,807	2,793
177	6063	4100	Communication Services	19,402	22,933	27,460	29,945	29,479	31,730	-	31,730	30,080	-	30,080	Lines	58.51%	41.49%	18,564	13,166	17,599	12,481
178	6063	4200	Postage and Mailing	10,868	7,914	1,781	11,234	4,989	20,650	-	20,650	20,650	-	20,650	Equal	50.00%	50.00%	10,325	10,325	10,325	10,325
179	6063	4301	Water and Sewer	347	417	411	419	418	450	-	450	450	-	450	Equal	50.00%	50.00%	225	225	225	225
180	6063	4302	Electric	8,372	8,634	8,695	8,883	8,710	10,000	-	10,000	10,000	-	10,000	Direct-S	0.00%	100.00%	-	-	-	10,000
181	6063	4304	Electric - Lift Stations	91,239	104,540	96,485	108,882	115,133	121,250	-	121,250	126,000	-	126,000	Direct-S	0.00%	100.00%	-	121,250	-	126,000
182	6063	4400	Rentals and Leases	2,609	1,572	565	-	4,500	4,500	-	4,500	4,500	-	4,500	Lines	58.51%	41.49%	2,633	1,867	2,633	1,867
183	6063	4601	Repairs and Maintenance / Office Equipment	661	293	301	757	2,409	8,560	-	8,560	560	-	560	Equal	50.00%	50.00%	4,280	280	280	280
184	6063	4602	Repairs and Maintenance / Communication Equipment	-	-	-	-	1,651	1,900	-	1,900	1,900	-	1,900	Lines	58.51%	41.49%	1,112	788	1,112	788
185	6063	4604	Repairs and Maintenance / Buildings	3,506	3,186	4,938	-	400	400	-	400	400	-	400	Lines	58.51%	41.49%	166	234	166	234
186	6063	4611	Repairs and Maintenance/Special Equipment	18,161	7,655	14,309	8,372	10,985	29,300	-	29,300	31,580	-	31,580	Lines	58.51%	41.49%	17,142	12,158	18,476	13,104
187	6063	4650	Fleet - Administration	28,060	28,500	21,870	100,310	96,850	106,640	-	106,640	125,300	-	125,300	Lines	58.51%	41.49%	62,391	44,249	73,309	51,991
188	6063	4651	Fleet - Labor	59,177	51,180	66,353	64,317	53,829	38,600	-	38,600	58,100	-	58,100	Lines	58.51%	41.49%	22,584	16,016	33,992	24,108
189	6063	4652	Fleet - Parts	49,158	54,342	80,037	62,918	58,125	60,710	-	60,710	68,750	-	68,750	Lines	58.51%	41.49%	35,519	25,191	40,223	28,527
190	6063	4653	Fleet - Outsourced	7,899	17,681	7,148	14,600	51,775	15,680	-	15,680	55,000	-	55,000	Lines	58.51%	41.49%	9,174	6,506	32,179	22,821
191	6063	4660	Repairs and Maintenance / Collection	201,863	179,834	161,062	197,982	265,733	277,000	-	277,000	343,000	-	343,000	Direct-S	0.00%	100.00%	-	277,000	-	343,000
192	6063	4661	Repairs and Maintenance / Distribution	58,897	74,574	92,879	95,912	141,549	87,000	-	87,000	103,000	-	103,000	Direct-W	100.00%	0.00%	87,000	-	103,000	-
193	6063	4662	Repairs and Maintenance / Meters	-	-	-	7	-	-	-	-	-	-	Direct-W	100.00%	0.00%	-	-	-	-	
194	6063	4664	Repairs and Maintenance / Hydrants	4,697	5,434	3,955	1,030	96,941	15,000	-	15,000	15,000	-	15,000	Direct-W	100.00%	0.00%	15,000	-	15,000	-
195	6063	4700	Printing and Binding	1,389	2,669	234	463	1,255	3,000	-	3,000	3,000	-	3,000	Equal	50.00%	50.00%	1,500	1,500	1,500	1,500
196	6063	4900	Other Current Charges	-	288	-	-	-	-	-	-	-	-	Lines	58.51%	41.49%	-	-	-	-	
197	6063	4905	Equipment Inspections and Testing	-	-	310	-	-	-	-	-	-	-	Lines	58.51%	41.49%	-	-	-	-	
198	6063	4914	Licenses / Fees / Permits	1,183	2,167	738	2,407	1,758	3,190	-	3,190	2,370	-	2,370	Lines	58.51%	41.49%	1,866	1,324	1,387	983
199	6063	5100	Office Supplies	1,176	727	630	365	1,675	1,100	-	1,100	1,000	-	1,000	Equal	50.00%	50.00%	550	500	500	500
200	6063	5201	Other Operating Supplies	29,477	19,426	37,735	34,394	44,447	30,000	-	30,000	30,000	-	30,000	Lines	58.51%	41.4				

Table 1-7

City of North Port, Florida
Utility Rate Analysis
Water System

Projected Operating Expenses - Water System

Line No.	Division Code	Expense Code	Description	Escalation Reference	Fiscal Year Ending September 30.										
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
57	6061	2400	Workers' Compensation	Labor	2,380	2,380	2,475	2,574	2,677	2,784	2,896	3,011	3,132	3,257	3,387
58	6061	AddPers	Additional Personnel	Input	-	-	188,860	221,925	227,474	232,933	238,290	243,771	249,378	255,113	261,236
59	6061	3103	Engineer/Architect	Inflation	9,000	9,000	9,234	9,465	9,701	9,934	10,163	10,397	10,636	10,880	11,141
60	6061	3104	Medical Services	Inflation	160	160	164	168	172	177	181	185	189	193	198
61	6061	3105	Other Professional Services	Labor	545,510	415,970	432,609	449,913	467,910	486,626	506,091	526,335	547,388	569,284	592,055
62	6061	4000	Travel and Per Diem	Inf/Emp	5,330	5,330	5,874	6,090	6,597	6,755	6,910	7,069	7,232	7,398	7,576
63	6061	4100	Communication Services	Inflation	14,220	14,060	14,426	14,786	15,156	15,520	15,877	16,242	16,615	16,997	17,405
64	6061	4200	Postage and Mailing	Inflation	520	520	534	547	561	574	587	601	615	629	644
65	6061	4302	Electric	ElectricW	240,000	254,000	270,207	287,305	305,338	324,354	344,403	365,537	387,810	411,281	436,008
66	6061	4312	Hillsborough (Electricity for Hillsborough Booster Station) Water Purchase For Resale:	ElectricW	103,070	107,200	114,040	121,256	128,867	136,893	145,354	154,274	163,674	173,580	184,016
67	6061	4390PR	Peace River Water Supply Authority	Input	2,706,681	2,782,571	2,878,976	2,994,135	3,113,900	3,238,456	3,367,995	3,502,714	3,642,823	3,788,536	3,940,077
68	6061	4601	Repairs and Maintenance / Office Equipment	Repair	21,510	21,510	22,370	23,265	24,196	25,164	26,170	27,217	28,306	29,438	30,615
69	6061	4602	Repairs and Maintenance / Communication Equipment	Repair	-	-	-	-	-	-	-	-	-	-	-
70	6061	4603	Repairs and Maintenance / Vehicles and Equipment	Repair	-	-	-	-	-	-	-	-	-	-	-
71	6061	4604	Repairs and Maintenance / Buildings	Repair	9,360	4,120	4,285	4,456	4,634	4,820	5,013	5,213	5,422	5,639	5,864
72	6061	4609	Repairs and Maintenance / Landscaping	Repair	26,410	29,400	30,576	31,799	33,071	34,394	35,770	37,200	38,688	40,236	41,845
73	6061	4611	Repairs and Maintenance/Special Equipment	Repair	272,250	312,300	324,792	337,784	351,295	365,347	379,961	395,159	410,965	427,404	444,500
74	6061	4650	Fleet - Administration	Repair	4,170	3,360	3,494	3,634	3,780	3,931	4,088	4,251	4,422	4,598	4,782
75	6061	4651	Fleet - Labor	Repair	1,950	2,100	2,184	2,271	2,362	2,457	2,555	2,657	2,763	2,874	2,989
76	6061	4652	Fleet - Parts	Repair	2,660	2,800	2,912	3,028	3,150	3,276	3,407	3,543	3,685	3,832	3,985
77	6061	4653	Fleet - Outsourced	Repair	130	150	156	162	169	175	182	190	197	205	213
78	6061	4700	Printing and Binding	Inflation	350	350	359	368	377	386	395	404	414	423	433
79	6061	4905	Equipment Inspections and Testing	Inflation	400	400	410	421	431	442	452	462	473	484	495
80	6061	4912	Ads and Legal Notices	Inflation	100	100	103	105	108	110	113	116	118	121	124
81	6061	4914	Licenses / Fees / Permits	Inflation	5,240	5,200	5,335	5,469	5,605	5,740	5,872	6,007	6,145	6,286	6,437
82	6061	5100	Office Supplies	Inflation	500	500	513	526	539	552	565	578	591	604	619
83	6061	5201	Other Operating Supplies	Prod-W	35,700	35,700	37,467	39,263	41,125	43,015	44,908	46,865	48,889	50,982	52,205
84	6061	5202	Fuel	Fuel	2,160	2,000	2,100	2,205	2,315	2,431	2,553	2,680	2,814	2,955	3,103
85	6061	5204	Diesel Fuel	Fuel	20,970	20,970	22,019	23,119	24,275	25,489	26,764	28,102	29,507	30,982	32,531
86	6061	5205	Chemicals	ChemicalW	375,000	421,000	447,864	476,202	506,092	537,611	570,841	605,870	642,788	681,690	722,675
87	6061	5207	Uniforms	Inf/Emp	2,490	1,760	1,940	2,011	2,178	2,231	2,282	2,334	2,388	2,443	2,502
88	6061	5250	Minor Operating Equipment	Inflation	22,580	53,830	55,230	56,610	58,026	59,418	60,785	62,183	63,613	65,076	66,638
89	6061	5400	Books / Subscriptions / Memberships	Inf/Emp	1,420	1,520	1,675	1,737	1,881	1,926	1,971	2,016	2,062	2,110	2,160
90	6061	5500	Training and Education	Inf/Emp	11,220	11,220	12,364	12,819	13,886	14,220	14,547	14,881	15,223	15,574	15,947
91	6061	IncrASR	Incremental Costs - Aquifer Storage and Recovery Facility	Labor	-	-	75,499	77,764	80,097	82,500	85,000	89,232	92,801	96,513	100,374
92	6061	IncrSW_WTP	Incremental Costs - Southwest Water Treatment Plant	Labor	-	-	-	289,000	297,670	306,600	318,864	331,619	344,883	358,679	373,026
93			Total Water System		\$ 5,246,581	\$ 5,329,641	\$ 5,812,594	\$ 6,378,512	\$ 6,648,168	\$ 6,927,523	\$ 7,222,189	\$ 7,529,443	\$ 7,849,823	\$ 8,183,891	\$ 8,531,679
			Field Operations												
94	6063	1200	Regular Salaries	Labor	\$ 898,177	\$ 953,890	\$ 992,046	\$ 1,031,727	\$ 1,072,996	\$ 1,115,916	\$ 1,160,553	\$ 1,206,975	\$ 1,255,254	\$ 1,305,464	\$ 1,357,683
95	6063	1300	Other Salaries and Wages	Constant	-	39,475	39,475	39,475	39,475	39,475	39,475	39,475	39,475	39,475	39,475
96	6063	1400	Overtime	Labor	74,998	77,247	80,337	83,551	86,893	90,368	93,983	97,743	101,652	105,718	109,947
97	6063	2100	FICA	Labor	70,481	74,675	77,662	80,768	83,999	87,359	90,853	94,487	98,267	102,197	106,285
98	6063	2201	Florida Retirement System	Labor	80,760	87,337	90,830	94,463	98,242	102,171	106,258	110,509	114,929	119,526	124,307
99	6063	2300	Insurance - Health	HealthIns	174,483	209,239	219,701	230,686	242,220	254,331	267,047	280,400	294,420	309,141	324,598
100	6063	2302	Vision Care	HealthIns	1,177	1,211	1,272	1,336	1,402	1,472	1,546	1,623	1,705	1,790	1,879
101	6063	2304	Dental, Life, and Disability	HealthIns	3,536	14,981	15,730	16,517	17,342	18,210	19,120	20,076	21,080	22,134	23,241
102	6063	2400	Workers' Compensation	Labor	3,525	3,525	3,666	3,812	3,965	4,123	4,288	4,460	4,638	4,824	5,017
103	6063	2700	Educational Assistance	Labor	1,442	-	-	-	-	-	-	-	-	-	-
104	6063	AddPers	Additional Personnel	Input	-	-	-	38,250	168,333	172,373	176,337	180,393	184,542	188,787	193,318
105	6063	3104	Medical Services	Inflation	1,102	1,471	1,509	1,547	1,586	1,624	1,661	1,699	1,738	1,778	1,821
106	6063	3105	Other Professional Services	Labor	5,991	7,606	7,910	8,227	8,556	8,898	9,254	9,624	10,009	10,409	10,826
107	6063	3105BP	Other Professional Services - Backflow Preventor Program	Labor	185,000	185,000	192,400	200,096	208,100	216,424	225,081	234,084	243,447	253,185	263,313
108	6063	4000	Travel and Per Diem	Inf/Emp	4,153	3,807	4,196	4,350	4,712	4,825	4,936	5,050	5,166	5,285	5,411
109	6063	4100	Communication Services	Inflation	18,564	17,599	18,056	18,508	18,970	19,425	19,873	20,330	20,797	21,276	21,786
110	6063	4200	Postage and Mailing	Inflation	10,325	10,325	10,593	10,858	11,130	11,397	11,659	11,927	12,201	12,482	12,782
111	6063	4301	Water and Sewer	Inflation	225	225	231	237	243	248	254	260	266	272	279
112	6063	4400	Rentals and Leases	Inflation	2,633	2,633	2,701	2,769	2,838	2,906	2,973	3,041	3,111	3,183	3,259

Table 1-7

City of North Port, Florida
Utility Rate Analysis
Water System

Projected Operating Expenses - Water System

Line No.	Division Code	Expense Code	Description	Escalation Reference	Fiscal Year Ending September 30.										
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
113	6063	4601	Repairs and Maintenance / Office Equipment	Repair	4,280	280	291	303	315	328	341	354	368	383	399
114	6063	4602	Repairs and Maintenance / Communication Equipment	Repair	1,112	1,112	1,156	1,202	1,250	1,300	1,352	1,407	1,463	1,521	1,582
115	6063	4604	Repairs and Maintenance / Buildings	Repair	234	234	243	253	263	274	285	296	308	320	333
116	6063	4611	Repairs and Maintenance/Special Equipment	Repair	17,142	18,476	19,215	19,984	20,783	21,615	22,479	23,379	24,314	25,286	26,298
117	6063	4650	Fleet - Administration	Repair	62,391	73,309	76,241	79,291	82,462	85,761	89,191	92,759	96,469	100,328	104,341
118	6063	4651	Fleet - Labor	Repair	22,584	33,992	35,352	36,766	38,237	39,766	41,357	43,011	44,732	46,521	48,382
119	6063	4652	Fleet - Parts	Repair	35,519	40,223	41,832	43,506	45,246	47,056	48,938	50,895	52,931	55,048	57,250
120	6063	4653	Fleet - Outsourced	Repair	9,174	32,179	33,466	34,804	36,197	37,644	39,150	40,716	42,345	44,039	45,800
121	6063	4661	Repairs and Maintenance / Distribution	Repair	87,000	103,000	107,120	111,405	115,861	120,495	125,315	130,328	135,541	140,963	146,601
122	6063	4664	Repairs and Maintenance / Hydrants	Repair	15,000	15,000	15,600	16,224	16,873	17,548	18,250	18,980	19,739	20,529	21,350
123	6063	4700	Printing and Binding	Inflation	1,500	1,500	1,539	1,577	1,617	1,656	1,694	1,733	1,773	1,813	1,857
124	6063	4914	Licenses / Fees / Permits	Inflation	1,866	1,387	1,423	1,458	1,495	1,531	1,566	1,602	1,639	1,676	1,717
125	6063	5100	Office Supplies	Inflation	550	500	513	526	539	552	565	578	591	604	619
126	6063	5201	Other Operating Supplies	Prod-W	17,552	17,552	18,421	19,304	20,219	21,148	22,079	23,042	24,037	25,065	25,667
127	6063	5202	Fuel	Fuel	44,436	76,562	80,390	84,409	88,630	93,061	97,714	102,600	107,730	113,117	118,772
128	6063	5207	Uniforms	Inf/Emp	6,201	7,268	8,010	8,304	8,996	9,212	9,423	9,640	9,862	10,089	10,331
129	6063	5250	Minor Operating Equipment	Inflation	46,384	45,571	46,756	47,925	49,123	50,302	51,459	52,642	53,853	55,091	56,414
130	6063	5261	Distribution Supplies	Inflation	14,000	14,000	14,364	14,723	15,091	15,453	15,809	16,172	16,544	16,925	17,331
131	6063	5262	Meters	Inflation	401,375	409,560	420,209	430,714	441,482	452,077	462,475	473,112	483,993	495,125	507,008
132	6063	5263	New Installation Supplies	Inflation	12,500	15,000	15,390	15,775	16,169	16,557	16,938	17,328	17,726	18,134	18,569
133	6063	5264	Hydrants and Parts	Inflation	11,200	11,200	11,491	11,778	12,073	12,363	12,647	12,938	13,235	13,540	13,865
134	6063	5400	Books / Subscriptions / Memberships	Inf/Emp	535	535	590	611	662	678	694	710	726	743	760
135	6063	5500	Training and Education	Inf/Emp	5,075	5,300	5,841	6,055	6,559	6,717	6,871	7,029	7,191	7,357	7,533
136			Total Field Operations		\$ 2,354,182	\$ 2,613,984	\$ 2,713,766	\$ 2,854,073	\$ 3,091,142	\$ 3,204,639	\$ 3,321,743	\$ 3,443,404	\$ 3,569,807	\$ 3,701,142	\$ 3,838,003
			Engineering												
137	6065	1200	Regular Salaries	Labor	\$ 289,019	\$ 268,897	\$ 279,652	\$ 290,839	\$ 302,472	\$ 314,571	\$ 327,154	\$ 340,240	\$ 353,850	\$ 368,004	\$ 382,724
138	6065	1400	Overtime	Labor	15,361	15,356	15,970	16,609	17,273	17,964	18,683	19,430	20,208	21,016	21,856
139	6065	2100	FICA	Labor	22,167	20,870	21,705	22,573	23,476	24,415	25,391	26,407	27,463	28,562	29,704
140	6065	2201	Florida Retirement System	Labor	25,153	24,079	25,043	26,044	27,086	28,169	29,296	30,468	31,687	32,954	34,272
141	6065	2300	Insurance - Health	HealthIns	41,974	41,943	44,040	46,242	48,554	50,982	53,531	56,208	59,018	61,969	65,067
142	6065	2302	Vision Care	HealthIns	270	270	283	297	312	328	344	361	379	398	418
143	6065	2304	Dental, Life, and Disability	HealthIns	4,196	3,240	3,402	3,572	3,751	3,938	4,135	4,342	4,559	4,787	5,026
144	6065	2400	Workers' Compensation	Labor	422	422	439	457	475	494	514	534	556	578	601
145	6065	AddPers	Additional Personnel	Input	-	-	24,883	25,505	86,890	88,975	91,021	93,115	95,257	97,447	99,786
146	6065	3104	Medical Services	Inflation	89	89	91	93	96	98	100	102	105	107	110
147	6065	3105	Other Professional Services	Labor	4,255	28,594	29,738	30,927	32,164	33,451	34,789	36,180	37,628	39,133	40,698
148	6065	4000	Travel and Per Diem	Inf/Emp	3,413	4,019	4,429	4,592	4,974	5,093	5,210	5,330	5,453	5,578	5,712
149	6065	4100	Communication Services	Inflation	2,265	2,265	2,324	2,382	2,442	2,501	2,558	2,617	2,677	2,739	2,804
150	6065	4200	Postage and Mailing	Cust-Water	49	49	52	54	57	59	62	65	67	70	72
151	6065	4601	Repairs and Maintenance / Office Equipment	Repair	492	492	512	533	554	576	599	623	648	674	701
152	6065	4611	Repairs and Maintenance/Special Equipment	Repair	492	492	512	533	554	576	599	623	648	674	701
153	6065	4650	Fleet - Administration	Repair	4,196	1,798	1,869	1,944	2,022	2,103	2,187	2,275	2,365	2,460	2,559
154	6065	4651	Fleet - Labor	Repair	1,477	4,206	4,374	4,549	4,731	4,920	5,117	5,322	5,535	5,756	5,986
155	6065	4652	Fleet - Parts	Repair	739	1,226	1,275	1,326	1,379	1,435	1,492	1,552	1,614	1,678	1,745
156	6065	4653	Fleet - Outsourced	Repair	79	74	77	80	83	86	90	93	97	101	105
157	6065	4700	Printing and Binding	Cust-Water	49	49	52	54	57	59	62	65	67	70	72
158	6065	4914	Licenses / Fees / Permits	Inflation	1,034	2,674	2,744	2,812	2,883	2,952	3,020	3,089	3,160	3,233	3,310
159	6065	5100	Office Supplies	Inflation	266	266	273	280	287	294	300	307	314	322	329
160	6065	5202	Fuel	Fuel	5,417	4,556	4,783	5,022	5,274	5,537	5,814	6,105	6,410	6,731	7,067
161	6065	5207	Uniforms	Inf/Emp	886	886	977	1,013	1,097	1,123	1,149	1,176	1,203	1,230	1,260
162	6065	5250	Minor Operating Equipment	Inflation	11,475	4,201	4,310	4,418	4,528	4,637	4,744	4,853	4,964	5,079	5,200
163	6065	5400	Books / Subscriptions / Memberships	Inf/Emp	1,088	793	874	906	981	1,005	1,028	1,052	1,076	1,101	1,127
164	6065	5500	Training and Education	Inf/Emp	2,975	3,679	4,054	4,203	4,553	4,662	4,770	4,879	4,992	5,106	5,229
165			Total Engineering		\$ 439,300	\$ 435,485	\$ 478,737	\$ 497,860	\$ 579,004	\$ 601,005	\$ 623,760	\$ 647,413	\$ 671,999	\$ 697,557	\$ 724,245
166			TOTAL WATER SYSTEM OPERATING EXPENSES		\$ 10,030,773	\$ 10,457,106	\$ 11,335,199	\$ 12,170,557	\$ 12,872,930	\$ 13,403,905	\$ 13,959,628	\$ 14,538,933	\$ 15,142,836	\$ 15,772,394	\$ 16,419,365

Table 1-8

City of North Port, Florida
Utility Rate Analysis
Wastewater System

Projected Operating Expenses - Wastewater System

Line No.	Division Code	Expense Code	Description	Escalation Reference	Fiscal Year Ending September 30,											
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Administration / Customer Service																
1	6060	1100	Executive Salaries	Labor	\$ 60,069	\$ 63,212	\$ 65,740	\$ 68,370	\$ 71,105	\$ 73,949	\$ 76,907	\$ 79,983	\$ 83,182	\$ 86,510	\$ 89,970	
2	6060	1200	Regular Salaries	Labor	367,622	370,276	385,088	400,491	416,511	433,171	450,498	468,518	487,259	506,749	527,019	
3	6060	1400	Overtime	Labor	222	222	231	240	250	260	270	281	293	304	316	
4	6060	2100	FICA	Labor	31,280	31,866	33,140	34,466	35,844	37,278	38,769	40,320	41,933	43,610	45,355	
5	6060	2201	Florida Retirement System	Labor	47,946	41,628	43,293	45,025	46,826	48,699	50,647	52,673	54,780	56,971	59,250	
6	6060	2300	Insurance - Health	HealthIns	64,504	73,529	77,206	81,066	85,119	89,375	93,844	98,536	103,463	108,636	114,068	
7	6060	2302	Vision Care	HealthIns	402	362	380	399	419	440	462	485	509	535	561	
8	6060	2304	Dental, Life, and Disability	HealthIns	6,894	5,545	5,822	6,113	6,419	6,740	7,077	7,430	7,802	8,192	8,602	
9	6060	2400	Workers' Compensation	Labor	210	210	218	227	236	246	255	266	276	287	299	
10	6060	2700	Educational Assistance	Labor	1,117	1,117	1,162	1,208	1,256	1,307	1,359	1,413	1,470	1,529	1,590	
11	6060	AddPers	Additional Personnel	Input	-	-	36,562	38,025	39,546	41,128	42,773	44,484	46,263	48,113	50,038	
12	6060	3105	Other Professional Services	Labor	30,845	6,870	7,145	7,431	7,728	8,037	8,359	8,693	9,041	9,403	9,779	
13	6060	3200	Accounting and Auditing	Inflation	1,117	1,117	1,146	1,161	1,204	1,231	1,261	1,290	1,320	1,350	1,383	
14	6060	4000	Travel and Per Diem	Inf/Emp	6,742	6,742	7,430	7,703	8,344	8,545	8,741	8,942	9,148	9,358	9,583	
15	6060	4100	Communication Services	Inflation	7,998	6,916	7,096	7,274	7,455	7,634	7,810	7,990	8,173	8,361	8,562	
16	6060	4200	Postage and Mailing	Cust-Sewer	50,304	50,306	52,981	55,707	58,536	61,411	64,293	67,275	70,360	73,551	75,316	
17	6060	4301	Water and Sewer	Inflation	192	192	197	202	207	212	217	222	227	232	238	
18	6060	4302	Electric	ElectricComm	2,605	2,712	2,821	2,933	3,051	3,173	3,300	3,432	3,569	3,712	3,860	
19	6060	4400	Rentals and Leases	Inflation	16,755	16,607	17,039	17,465	17,902	18,331	18,753	19,184	19,626	20,077	20,559	
20	6060	4500	Insurance	Insurance	164,748	164,748	171,338	178,192	185,319	192,732	200,441	208,459	216,797	225,469	234,488	
21	6060	4601	Repairs and Maintenance / Office Equipment	Repair	19,054	19,486	20,265	21,076	21,919	22,795	23,707	24,656	25,642	26,667	27,734	
22	6060	4611	Repairs and Maintenance/Special Equipment	Repair	218	218	227	236	245	255	265	276	287	298	310	
23	6060	4650	Fleet - Administration	Repair	885	768	799	831	864	899	935	972	1,011	1,052	1,094	
24	6060	4651	Fleet - Labor	Repair	581	626	651	677	704	732	761	791	823	856	890	
25	6060	4652	Fleet - Parts	Repair	545	558	581	604	628	653	679	707	735	764	795	
26	6060	4653	Fleet - Outsourced	Repair	13	-	-	-	-	-	-	-	-	-	-	
27	6060	4700	Printing and Binding	Cust-Sewer	8,593	6,718	7,075	7,439	7,817	8,201	8,585	8,984	9,396	9,822	10,057	
28	6060	4800	Promotional Activities	Cust-Sewer	5,540	5,540	5,834	6,135	6,446	6,763	7,080	7,409	7,748	8,100	8,294	
29	6060	4901	Bank and Transaction Fees	SRevenue	49,537	52,943	55,376	57,884	60,472	63,139	65,855	68,655	71,540	74,514	74,514	
30	6060	4902	Cash Over and Short	Constant	103	103	103	103	103	103	103	103	103	103	103	
31	6060	4912	Ads and Legal Notices	Inflation	50	50	51	53	54	55	56	58	59	60	62	
32	6060	4914	Licenses / Fees / Permits	Inflation	5,518	5,406	5,547	5,685	5,828	5,967	6,105	6,245	6,389	6,536	6,693	
33	6060	4930	Tax Collector Fees	Inflation	147	147	151	155	159	163	166	170	174	178	183	
34	6060	4950	Customer Deposit Interest	Cust-Sewer	480	480	505	531	558	586	613	642	671	702	718	
35	6060	4969	Food	Inflation	100	100	103	105	108	110	113	116	118	121	124	
36	6060	4970	Payment to General Fund	GenFund	702,700	803,478	843,652	885,834	930,126	976,633	1,025,464	1,076,737	1,130,574	1,187,103	1,246,458	
37	6060	4972	Payments to Solid Waste Department	Labor	7,740	7,740	8,050	8,372	8,707	9,055	9,417	9,794	10,186	10,593	11,017	
38	6060	4975	Return on Investment	ROI	274,591	288,588	303,017	318,168	334,076	350,780	368,319	386,735	406,072	426,375	447,694	
39	6060	4990	Bad Debt Expense	0.25% SRevenue	26,143	27,573	28,840	30,146	31,494	32,883	34,297	35,755	37,258	38,807	38,807	
40	6060	5100	Office Supplies	Inflation	1,787	1,787	1,834	1,879	1,926	1,973	2,018	2,065	2,112	2,161	2,212	
41	6060	5201	Other Operating Supplies	Inflation	40	40	41	42	43	44	45	46	48	49	50	
42	6060	5202	Fuel	Fuel	1,063	947	995	1,044	1,097	1,151	1,209	1,269	1,333	1,399	1,469	
43	6060	5207	Uniforms	Inf/Emp	509	509	561	582	630	646	660	676	691	707	724	
44	6060	5250	Minor Operating Equipment	Inflation	4,222	3,440	3,530	3,618	3,708	3,797	3,885	3,974	4,066	4,159	4,259	
45	6060	5400	Books / Subscriptions / Memberships	Inf/Emp	1,023	1,023	1,128	1,169	1,266	1,297	1,327	1,357	1,388	1,420	1,454	
46	6060	5500	Training and Education	Inf/Emp	9,226	8,981	9,897	10,261	11,115	11,381	11,643	11,911	12,185	12,465	12,764	
47	6060	Contingency	Contingency Allowance	Calculated	-	-	74,065	77,666	82,378	86,006	89,784	93,732	97,856	102,164	106,606	
48	Total Administration / Customer Service					\$1,981,983	\$2,081,429	\$2,288,912	\$2,394,007	\$2,505,749	\$2,619,968	\$2,739,132	\$2,863,710	\$ 2,993,954	\$ 3,130,125	\$ 3,265,920
Wastewater System																
49	6062	1200	Regular Salaries	Labor	\$ 578,770	\$ 615,830	\$ 640,463	\$ 666,082	\$ 692,725	\$ 720,434	\$ 749,251	\$ 779,221	\$ 810,390	\$ 842,806	\$ 876,518	
50	6062	1400	Overtime	Labor	23,960	24,330	25,303	26,315	27,368	28,463	29,601	30,785	32,017	33,297	34,629	
51	6062	1508	Clothing / Cleaning Allowance	Labor	1,800	1,800	1,872	1,947	2,025	2,106	2,190	2,278	2,369	2,463	2,562	
52	6062	2100	FICA	Labor	44,610	47,350	49,244	51,214	53,262	55,393	57,609	59,913	62,309	64,802	67,394	
53	6062	2201	Florida Retirement System	Labor	50,370	54,230	56,399	58,655	61,001	63,441	65,979	68,618	71,363	74,217	77,186	

Table 1-8

City of North Port, Florida
Utility Rate Analysis
Wastewater System

Projected Operating Expenses - Wastewater System

Line No.	Division Code	Expense Code	Description	Escalation Reference	Fiscal Year Ending September 30,										
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
54	6062	2300	Insurance - Health	HealthIns	107,070	127,890	134,285	140,999	148,049	155,451	163,224	171,385	179,954	188,952	198,399
55	6062	2302	Vision Care	HealthIns	680	600	630	662	695	729	766	804	844	886	931
56	6062	2304	Dental, Life, and Disability	HealthIns	10,860	9,090	9,545	10,022	10,523	11,049	11,601	12,181	12,791	13,430	14,102
57	6062	2400	Workers' Compensation	Labor	2,050	2,050	2,132	2,217	2,306	2,398	2,494	2,594	2,698	2,806	2,918
58	6062	3104	Medical Services	Inflation	340	160	164	168	172	177	181	185	189	193	198
59	6062	1105SLUDGE	Other Professional Services - Sludge Hauling	Sludge	210,806	246,330	258,647	271,579	285,158	299,416	314,386	330,106	346,611	363,942	382,139
60	6062	4000	Travel and Per Diem	Inf/Emp	6,630	7,040	7,758	8,043	8,713	8,922	9,127	9,337	9,552	9,772	10,006
61	6062	4100	Communication Services	Inflation	7,340	22,500	23,085	23,662	24,254	24,836	25,407	25,991	26,589	27,201	27,854
62	6062	4200	Postage and Mailing	Inflation	70	140	144	147	151	155	158	162	165	169	173
63	6062	4301	Water and Sewer	Inflation	1,500	3,000	3,078	3,155	3,234	3,311	3,388	3,466	3,545	3,627	3,714
64	6062	4302	Electric	ElectricS	280,000	560,000	597,824	637,778	679,972	724,521	771,545	821,173	873,536	928,774	987,034
65	6062	4306	Electric - Wells	ElectricS	260	280	299	319	340	362	386	411	437	464	494
66	6062	4307	Electric - Deep Well Injection	ElectricS	430	450	480	513	546	582	620	660	702	746	793
67	6062	4601	Repairs and Maintenance / Office Equipment	Repair	1,340	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960
68	6062	4604	Repairs and Maintenance / Buildings	Repair	11,990	10,890	11,326	11,779	12,250	12,740	13,249	13,779	14,330	14,904	15,500
69	6062	4609	Repairs and Maintenance / Landscaping	Repair	18,070	40,050	41,652	43,318	45,051	46,853	48,727	50,676	52,703	54,811	57,004
70	6062	4611	Repairs and Maintenance/Special Equipment	Repair	177,500	192,090	199,774	207,765	216,075	224,718	233,707	243,055	252,777	262,888	273,404
71	6062	4650	Fleet - Administration	Repair	9,530	8,400	8,736	9,085	9,449	9,827	10,220	10,629	11,054	11,496	11,956
72	6062	4651	Fleet - Labor	Repair	1,300	1,890	1,966	2,044	2,126	2,211	2,299	2,391	2,487	2,587	2,690
73	6062	4652	Fleet - Parts	Repair	1,450	2,440	2,538	2,639	2,745	2,854	2,969	3,087	3,211	3,339	3,473
74	6062	4653	Fleet - Outsourced	Repair	90	390	406	422	439	456	474	493	513	534	555
75	6062	4914	Licenses / Fees / Permits	Inflation	750	800	821	841	862	883	903	924	945	967	990
76	6062	5100	Office Supplies	Inflation	670	670	687	705	722	740	757	774	792	810	829
77	6062	5201	Other Operating Supplies	Treat-S	19,920	51,640	54,386	57,184	60,087	63,039	66,033	69,132	72,338	75,655	79,164
78	6062	5202	Fuel	Fuel	4,410	8,100	8,505	8,930	9,377	9,846	10,338	10,855	11,398	11,967	12,566
79	6062	5204	Diesel Fuel	Fuel	12,000	30,000	31,500	33,075	34,729	36,465	38,288	40,203	42,213	44,324	46,540
80	6062	5205	Chemicals	ChemicalS	135,980	142,000	151,591	161,722	172,421	183,712	195,642	208,226	221,504	235,511	250,284
81	6062	5207	Uniforms	Inf/Emp	3,100	3,490	3,846	3,987	4,319	4,423	4,525	4,629	4,735	4,844	4,960
82	6062	5250	Minor Operating Equipment	Inflation	10,010	7,200	7,387	7,572	7,761	7,947	8,130	8,317	8,509	8,704	8,913
83	6062	5400	Books / Subscriptions / Memberships	Inf/Emp	720	720	793	823	891	912	933	955	977	999	1,023
84	6062	5500	Training and Education	Inf/Emp	11,090	14,340	15,803	16,384	17,748	18,174	18,592	19,019	19,457	19,904	20,382
85			Total Wastewater System		\$1,747,466	\$2,240,260	\$2,355,230	\$2,474,001	\$2,599,885	\$2,729,985	\$2,866,231	\$3,009,046	\$3,158,741	\$3,315,640	\$3,480,237
			Field Operations												
86	6063	1200	Regular Salaries	Labor	\$ 658,833	\$ 699,700	\$ 727,688	\$ 756,796	\$ 787,067	\$ 818,550	\$ 851,292	\$ 885,344	\$ 920,758	\$ 957,588	\$ 995,891
87	6063	1300	Other Salaries and Wages	Constant	-	28,955	28,955	28,955	28,955	28,955	28,955	28,955	28,955	28,955	28,955
88	6063	1400	Overtime	Labor	55,012	56,663	58,929	61,286	63,738	66,287	68,939	71,696	74,564	77,547	80,649
89	6063	2100	FICA	Labor	51,699	54,775	56,966	59,245	61,615	64,080	66,643	69,308	72,081	74,964	77,963
90	6063	2201	Florida Retirement System	Labor	59,240	64,063	66,626	69,291	72,063	74,945	77,943	81,061	84,303	87,675	91,182
91	6063	2300	Insurance - Health	HealthIns	127,987	153,481	161,155	169,213	177,674	186,558	195,885	205,680	215,964	226,762	238,100
92	6063	2302	Vision Care	HealthIns	863	889	933	980	1,029	1,080	1,134	1,191	1,250	1,313	1,379
93	6063	2304	Dental, Life, and Disability	HealthIns	2,594	10,989	11,538	12,115	12,721	13,357	14,025	14,726	15,463	16,236	17,047
94	6063	2400	Workers' Compensation	Labor	2,585	2,585	2,689	2,796	2,908	3,025	3,146	3,271	3,402	3,538	3,680
95	6063	2700	Educational Assistance	Labor	1,058	-	-	-	-	-	-	-	-	-	-
96	6063	AddPers	Additional Personnel	Input	-	-	-	29,595	121,912	124,838	127,709	130,647	133,652	136,726	140,007
97	6063	3104	Medical Services	Inflation	808	1,079	1,107	1,135	1,163	1,191	1,218	1,246	1,275	1,304	1,336
98	6063	3105	Other Professional Services	Labor	4,249	5,394	5,610	5,834	6,068	6,310	6,563	6,825	7,098	7,382	7,678
99	6063	4000	Travel and Per Diem	Inf/Emp	3,047	2,793	3,078	3,191	3,456	3,539	3,621	3,704	3,789	3,876	3,969
100	6063	4100	Communication Services	Inflation	13,166	12,481	12,806	13,126	13,454	13,777	14,094	14,418	14,750	15,089	15,451
101	6063	4200	Postage and Mailing	Inflation	10,325	10,325	10,858	11,130	11,397	11,659	11,927	12,201	12,482	12,782	
102	6063	4301	Water and Sewer	Inflation	225	225	231	237	243	248	254	260	266	272	279
103	6063	4302	Electric	ElectricW	10,000	10,000	10,638	11,311	12,021	12,770	13,559	14,391	15,268	16,192	17,166
104	6063	4304	Electric - Lift Stations	ElectricW	121,250	126,000	134,040	142,521	151,467	160,900	170,846	181,329	192,378	204,021	216,288
105	6063	4400	Rentals and Leases	Inflation	1,867	1,867	1,916	1,964	2,013	2,061	2,108	2,157	2,207	2,257	2,311
106	6063	4601	Repairs and Maintenance / Office Equipment	Repair	4,280	280	291	303	315	328	341	354	368	383	399
107	6063	4602	Repairs and Maintenance / Communication Equipment	Repair	788	788	820	853	887	922	959	998	1,037	1,079	1,122

Table 1-8

City of North Port, Florida
Utility Rate Analysis
Wastewater System

Projected Operating Expenses - Wastewater System

Line No.	Division Code	Expense Code	Description	Escalation Reference	Fiscal Year Ending September 30,										
					2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
108	6063	4604	Repairs and Maintenance / Buildings	Repair	166	166	173	180	187	194	202	210	218	227	236
109	6063	4611	Repairs and Maintenance/Special Equipment	Repair	12,158	13,104	13,628	14,173	14,740	15,329	15,943	16,580	17,243	17,933	18,651
110	6063	4650	Fleet - Administration	Repair	44,249	51,991	54,071	56,234	58,483	60,822	63,255	65,785	68,417	71,154	74,000
111	6063	4651	Fleet - Labor	Repair	16,016	24,108	25,072	26,075	27,118	28,203	29,331	30,504	31,724	32,993	34,313
112	6063	4652	Fleet - Parts	Repair	25,191	28,527	29,668	30,854	32,089	33,372	34,707	36,095	37,539	39,041	40,602
113	6063	4653	Fleet - Outsourced	Repair	6,506	22,821	23,734	24,684	25,671	26,698	27,766	28,876	30,031	31,233	32,482
114	6063	4660	Repairs and Maintenance / Collection	Repair	277,000	343,000	356,720	370,989	385,828	401,261	417,312	434,004	451,365	469,419	488,196
115	6063	4700	Printing and Binding	Inflation	1,500	1,500	1,539	1,577	1,617	1,656	1,694	1,733	1,773	1,813	1,857
116	6063	4914	Licenses / Fees / Permits	Inflation	1,324	983	1,009	1,034	1,060	1,085	1,110	1,136	1,162	1,189	1,217
117	6063	5100	Office Supplies	Inflation	550	500	513	526	539	552	565	578	591	604	619
118	6063	5201	Other Operating Supplies	Prod-W	12,448	12,448	13,064	13,690	14,340	14,998	15,659	16,341	17,047	17,776	18,203
119	6063	5202	Fuel	Fuel	31,514	54,298	57,013	59,864	62,857	66,000	69,300	72,765	76,403	80,223	84,234
120	6063	5207	Uniforms	Inf/Emp	4,549	5,332	5,875	6,091	6,599	6,757	6,912	7,071	7,234	7,400	7,578
121	6063	5250	Minor Operating Equipment	Minor Operating Equipment	32,896	32,319	33,159	33,988	34,838	35,674	36,495	37,334	38,193	39,071	40,009
122	6063	5260	Collection Supplies	Inflation	14,000	14,000	14,364	14,723	15,091	15,453	15,809	16,172	16,544	16,925	17,331
123	6063	5262	Meters	Inflation	401,375	409,560	420,209	430,714	441,482	452,077	462,475	473,112	483,993	495,125	507,008
124	6063	5263	New Installation Supplies	Inflation	12,500	15,000	15,390	15,775	16,169	16,557	16,938	17,328	17,726	18,134	18,569
125	6063	5400	Books / Subscriptions / Memberships	Inf/Emp	535	535	590	611	662	678	694	710	726	743	760
126	6063	5500	Training and Education	Inf/Emp	5,075	5,300	5,841	6,055	6,559	6,717	6,871	7,029	7,191	7,357	7,533
127			Total Field Operations		\$2,029,428	\$2,278,826	\$2,368,241	\$2,489,443	\$2,677,827	\$2,779,204	\$2,883,930	\$2,992,854	\$ 3,106,151	\$ 3,224,003	\$ 3,347,031
			Engineering												
128	6065	1200	Regular Salaries	Labor	\$ 279,191	\$ 259,753	\$ 270,144	\$ 280,949	\$ 292,187	\$ 303,875	\$ 316,030	\$ 328,671	\$ 341,818	\$ 355,490	\$ 369,710
129	6065	1400	Overtime	Labor	14,839	14,834	15,427	16,044	16,686	17,354	18,048	18,770	19,520	20,301	21,113
130	6065	2100	FICA	Labor	21,413	20,160	20,967	21,805	22,677	23,585	24,528	25,509	26,529	27,591	28,694
131	6065	2201	Florida Retirement System	Labor	24,297	23,261	24,191	25,159	26,165	27,212	28,300	29,432	30,609	31,834	33,107
132	6065	2300	Insurance - Health	HealthIns	40,546	40,517	42,543	44,670	46,903	49,249	51,711	54,297	57,011	59,862	62,855
133	6065	2302	Vision Care	HealthIns	260	260	273	287	301	317	332	349	366	385	404
134	6065	2304	Dental, Life, and Disability	HealthIns	4,054	3,130	3,286	3,451	3,623	3,804	3,995	4,194	4,404	4,624	4,856
135	6065	2400	Workers' Compensation	Labor	408	408	424	441	459	477	496	516	537	558	580
136	6065	AddPers	Additional Personnel	Input	-	-	25,642	26,283	56,857	58,222	59,561	60,931	62,332	63,766	65,296
137	6065	3104	Medical Services	Inflation	91	91	94	96	98	101	103	106	108	110	113
138	6065	3105	Other Professional Services	Labor	4,385	29,466	30,645	31,871	33,145	34,471	35,850	37,284	38,775	40,326	41,939
139	6065	4000	Travel and Per Diem	Inf/Emp	3,517	4,141	4,564	4,732	5,125	5,248	5,369	5,493	5,619	5,748	5,886
140	6065	4100	Communication Services	Inflation	2,335	2,335	2,395	2,455	2,517	2,577	2,636	2,697	2,759	2,822	2,890
141	6065	4200	Postage and Mailing	Cust-Water	51	51	53	56	58	61	64	67	69	72	74
142	6065	4601	Repairs and Maintenance / Office Equipment	Repair	508	508	528	549	571	594	617	642	668	695	722
143	6065	4611	Repairs and Maintenance/Special Equipment	Repair	508	508	528	549	571	594	617	642	668	695	722
144	6065	4650	Fleet - Administration	Repair	4,324	1,852	1,927	2,004	2,084	2,167	2,254	2,344	2,438	2,535	2,637
145	6065	4651	Fleet - Labor	Repair	1,523	4,334	4,508	4,688	4,875	5,070	5,273	5,484	5,703	5,932	6,169
146	6065	4652	Fleet - Parts	Repair	761	1,264	1,314	1,367	1,421	1,478	1,537	1,599	1,663	1,729	1,799
147	6065	4653	Fleet - Outsourced	Repair	81	76	79	82	86	89	93	96	100	104	108
148	6065	4700	Printing and Binding	Cust-Water	51	51	53	56	58	61	64	67	69	72	74
149	6065	4914	Licenses / Fees / Permits	Inflation	1,066	2,756	2,827	2,898	2,971	3,042	3,112	3,183	3,257	3,332	3,411
150	6065	5100	Office Supplies	Inflation	274	274	281	288	295	303	309	317	324	331	339
151	6065	5202	Fuel	Fuel	5,583	4,694	4,929	5,176	5,434	5,706	5,991	6,291	6,606	6,936	7,283
152	6065	5207	Uniforms	Inf/Emp	914	914	1,007	1,044	1,131	1,158	1,184	1,212	1,239	1,268	1,298
153	6065	5250	Minor Operating Equipment	Inflation	11,825	4,329	4,442	4,553	4,666	4,778	4,888	5,001	5,116	5,234	5,359
154	6065	5400	Books / Subscriptions / Memberships	Inf/Emp	1,122	817	900	934	1,011	1,036	1,059	1,084	1,109	1,134	1,161
155	6065	5500	Training and Education	Inf/Emp	3,065	3,791	4,178	4,331	4,692	4,805	4,915	5,028	5,144	5,262	5,388
156			Total Engineering		\$ 426,990	\$ 424,575	\$ 468,148	\$ 486,816	\$ 536,671	\$ 557,432	\$ 578,939	\$ 601,304	\$ 624,562	\$ 648,749	\$ 673,991
157			TOTAL WASTEWATER SYSTEM OPERATING EXPENSES		\$6,185,867	\$7,025,089	\$7,480,532	\$7,844,267	\$8,320,132	\$8,686,588	\$9,068,231	\$9,466,914	\$ 9,883,408	\$ 10,318,516	\$ 10,767,179

Table 1-9

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projected Combined Water and Wastewater Operating Expenses

Line No.	Division Code	Expense Code	Description	Fiscal Year Ending September 30,										
				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Administration / Customer Service														
1	6060	1100	Executive Salaries	\$ 130,360	\$ 137,180	\$ 142,667	\$ 148,374	\$ 154,309	\$ 160,481	\$ 166,900	\$ 173,576	\$ 180,520	\$ 187,740	\$ 195,250
2	6060	1200	Regular Salaries	826,880	832,850	866,164	900,811	936,843	974,317	1,013,289	1,053,821	1,095,974	1,139,813	1,185,405
3	6060	1400	Overtime	500	500	520	541	562	585	608	633	658	684	712
4	6060	2100	FICA	70,010	71,320	74,173	77,140	80,225	83,434	86,772	90,243	93,852	97,606	101,511
5	6060	2201	Florida Retirement System	107,310	93,170	96,897	100,773	104,804	108,996	113,356	117,890	122,605	127,510	132,610
6	6060	2300	Insurance - Health	144,370	164,570	172,799	181,438	190,510	200,036	210,038	220,540	231,567	243,145	255,302
7	6060	2302	Vision Care	900	810	851	893	938	985	1,034	1,085	1,140	1,197	1,257
8	6060	2304	Dental, Life, and Disability	15,430	12,410	13,031	13,682	14,366	15,084	15,839	16,631	17,462	18,335	19,252
9	6060	2400	Workers' Compensation	470	470	489	508	529	550	572	595	618	643	669
10	6060	2700	Educational Assistance	2,500	2,500	2,600	2,704	2,812	2,925	3,042	3,163	3,290	3,421	3,558
11	6060	AddPers	Additional Personnel	-	-	79,346	82,520	85,821	89,254	92,824	96,537	100,398	104,414	108,591
12	6060	3105	Other Professional Services	70,710	15,750	16,380	17,035	17,717	18,425	19,162	19,929	20,726	21,555	22,417
13	6060	3200	Accounting and Auditing	2,500	2,500	2,565	2,629	2,695	2,760	2,823	2,888	2,954	3,022	3,095
14	6060	4000	Travel and Per Diem	15,090	15,090	16,629	17,241	18,676	19,124	19,564	20,014	20,474	20,945	21,448
15	6060	4100	Communication Services	17,900	15,480	15,882	16,280	16,687	17,087	17,480	17,882	18,293	18,714	19,163
16	6060	4200	Postage and Mailing	115,320	115,325	121,212	127,204	133,419	139,729	146,052	152,593	159,357	166,352	170,344
17	6060	4301	Water and Sewer	430	430	441	452	464	475	486	497	508	520	532
18	6060	4302	Electric	5,830	6,070	6,313	6,565	6,828	7,101	7,385	7,680	7,988	8,307	8,640
19	6060	4400	Rentals and Leases	37,500	37,170	38,136	39,090	40,067	41,029	41,972	42,938	43,925	44,936	46,014
20	6060	4500	Insurance	264,830	264,830	275,423	286,440	297,898	309,814	322,206	335,094	348,498	362,438	376,936
21	6060	4601	Repairs and Maintenance / Office Equipment	43,680	44,670	46,457	48,315	50,248	52,258	54,348	56,522	58,783	61,134	63,579
22	6060	4611	Repairs and Maintenance/Special Equipment	500	500	520	541	562	585	608	633	658	684	712
23	6060	4650	Fleet - Administration	1,980	1,720	1,789	1,860	1,935	2,012	2,093	2,176	2,263	2,354	2,448
24	6060	4651	Fleet - Labor	1,300	1,400	1,456	1,514	1,575	1,638	1,703	1,771	1,842	1,916	1,993
25	6060	4652	Fleet - Parts	1,220	1,250	1,300	1,352	1,406	1,462	1,521	1,582	1,645	1,711	1,779
26	6060	4653	Fleet - Outsourced	30	-	-	-	-	-	-	-	-	-	-
27	6060	4700	Printing and Binding	19,700	15,400	16,186	16,986	17,816	18,659	19,503	20,377	21,280	22,214	22,747
28	6060	4800	Promotional Activities	12,700	12,700	13,348	14,008	14,693	15,387	16,084	16,804	17,549	18,319	18,759
29	6060	4901	Bank and Transaction Fees	96,000	102,600	108,152	113,949	120,004	126,326	132,869	139,700	146,832	154,277	154,277
30	6060	4902	Cash Over and Short	200	200	200	200	200	200	200	200	200	200	200
31	6060	4912	Ads and Legal Notices	100	100	103	105	108	110	113	116	118	121	124
32	6060	4914	Licenses / Fees / Permits	12,350	12,100	12,415	12,725	13,043	13,356	13,663	13,978	14,299	14,628	14,979
33	6060	4930	Tax Collector Fees	330	330	339	347	356	364	373	381	390	399	409
34	6060	4950	Customer Deposit Interest	1,100	1,100	1,156	1,213	1,273	1,333	1,393	1,455	1,520	1,587	1,625
35	6060	4969	Food	200	200	205	210	216	221	226	231	236	242	248
36	6060	4970	Payment to General Fund	1,405,400	1,606,956	1,687,304	1,771,669	1,860,252	1,953,265	2,050,928	2,153,475	2,261,148	2,374,206	2,492,916
37	6060	4972	Payments to Solid Waste Department	15,000	15,000	15,600	16,224	16,873	17,548	18,250	18,980	19,739	20,529	21,350
38	6060	4975	Return on Investment	441,400	463,900	487,095	511,450	537,022	563,873	592,067	621,670	652,754	685,392	719,661
39	6060	4990	Bad Debt Expense	50,662	53,434	56,325	59,345	62,498	65,790	69,198	72,755	76,470	80,347	80,347
40	6060	5100	Office Supplies	4,000	4,000	4,104	4,207	4,312	4,415	4,517	4,621	4,727	4,836	4,952
41	6060	5201	Other Operating Supplies	90	90	92	95	97	99	102	104	106	109	111
42	6060	5202	Fuel	2,380	2,120	2,226	2,337	2,454	2,577	2,706	2,841	2,983	3,132	3,289
43	6060	5207	Uniforms	1,140	1,140	1,256	1,302	1,411	1,445	1,478	1,512	1,547	1,582	1,620
44	6060	5250	Minor Operating Equipment	9,450	7,700	7,900	8,098	8,300	8,499	8,695	8,895	9,099	9,309	9,532
45	6060	5400	Books / Subscriptions / Memberships	2,290	2,290	2,524	2,616	2,834	2,902	2,969	3,037	3,107	3,179	3,255
46	6060	5500	Training and Education	20,650	20,100	22,150	22,965	24,876	25,474	26,059	26,659	27,272	27,899	28,569
47	6060	Contingency	Contingency Allowance	-	-	186,294	198,167	209,832	218,718	227,999	237,682	247,785	258,326	269,174
48	Total Administration / Customer Service			\$ 3,972,692	\$ 4,159,425	\$ 4,619,014	\$ 4,834,120	\$ 5,060,364	\$ 5,290,706	\$ 5,531,067	\$ 5,782,383	\$ 6,045,160	\$ 6,319,928	\$ 6,591,359

Table 1-9

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projected Combined Water and Wastewater Operating Expenses

Line No.	Division Code	Expense Code	Description	Fiscal Year Ending September 30,										
				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Water System														
49	6061	1200	Regular Salaries	\$ 558,630	\$ 562,510	\$ 585,010	\$ 608,411	\$ 632,747	\$ 658,057	\$ 684,379	\$ 711,755	\$ 740,225	\$ 769,834	\$ 800,627
50	6061	1400	Overtime	38,250	38,830	40,383	41,999	43,678	45,426	47,243	49,132	51,098	53,142	55,267
51	6061	1508	Clothing / Cleaning Allowance	1,440	1,440	1,498	1,558	1,620	1,685	1,752	1,822	1,895	1,971	2,050
52	6061	2100	FICA	42,790	43,680	45,427	47,244	49,134	51,099	53,143	55,269	57,480	59,779	62,170
53	6061	2201	Florida Retirement System	53,580	55,420	57,637	59,942	62,340	64,834	67,427	70,124	72,929	75,846	78,880
54	6061	2300	Insurance - Health	97,020	96,660	101,493	106,568	111,896	117,491	123,365	129,534	136,010	142,811	149,951
55	6061	2302	Vision Care	800	800	840	882	926	972	1,021	1,072	1,126	1,182	1,241
56	6061	2304	Dental, Life, and Disability	10,630	8,820	9,261	9,724	10,210	10,721	11,257	11,820	12,411	13,031	13,683
57	6061	2400	Workers' Compensation	2,380	2,380	2,475	2,574	2,677	2,784	2,896	3,011	3,132	3,257	3,387
58	6061	AddPers	Additional Personnel	-	-	188,860	221,925	227,474	232,933	238,290	243,771	249,378	255,113	261,236
59	6061	3103	Engineer/Architect	9,000	9,000	9,234	9,465	9,701	9,934	10,163	10,397	10,636	10,880	11,141
60	6061	3104	Medical Services	160	160	164	168	172	177	181	185	189	193	198
61	6061	3105	Other Professional Services	545,510	415,970	432,609	449,913	467,910	486,626	506,091	526,335	547,388	569,284	592,055
62	6061	4000	Travel and Per Diem	5,330	5,330	5,874	6,090	6,597	6,755	6,910	7,069	7,232	7,398	7,576
63	6061	4100	Communication Services	14,220	14,060	14,426	14,786	15,156	15,520	15,877	16,242	16,615	16,997	17,405
64	6061	4200	Postage and Mailing	520	520	534	547	561	574	587	601	615	629	644
65	6061	4302	Electric	240,000	254,000	270,207	287,305	305,338	324,354	344,403	365,537	387,810	411,281	436,008
66	6061	4312	Hillsborough (Electricity for Hillsborough Booster Station)	103,070	107,200	114,040	121,256	128,867	136,893	145,354	154,274	163,674	173,580	184,016
Water Purchase For Resale:														
67	6061	4390PR	Peace River Water Supply Authority	2,706,681	2,782,571	2,878,976	2,994,135	3,113,900	3,238,456	3,367,995	3,502,714	3,642,823	3,788,536	3,940,077
68	6061	4601	Repairs and Maintenance / Office Equipment	21,510	21,510	22,370	23,265	24,196	25,164	26,170	27,217	28,306	29,438	30,615
69	6061	4604	Repairs and Maintenance / Buildings	9,360	4,120	4,285	4,456	4,634	4,820	5,013	5,213	5,422	5,639	5,864
70	6061	4609	Repairs and Maintenance / Landscaping	26,410	29,400	30,576	31,799	33,071	34,394	35,770	37,200	38,688	40,236	41,845
71	6061	4611	Repairs and Maintenance/Special Equipment	272,250	312,300	324,792	337,784	351,295	365,347	379,961	395,159	410,965	427,404	444,500
72	6061	4650	Fleet - Administration	4,170	3,360	3,494	3,634	3,780	3,931	4,088	4,251	4,422	4,598	4,782
73	6061	4651	Fleet - Labor	1,950	2,100	2,184	2,271	2,362	2,457	2,555	2,657	2,763	2,874	2,989
74	6061	4652	Fleet - Parts	2,660	2,800	2,912	3,028	3,150	3,276	3,407	3,543	3,685	3,832	3,985
75	6061	4653	Fleet - Outsourced	130	150	156	162	169	175	182	190	197	205	213
76	6061	4700	Printing and Binding	350	350	359	368	377	386	395	404	414	423	433
77	6061	4905	Equipment Inspections and Testing	400	400	410	421	431	442	452	462	473	484	495
78	6061	4912	Ads and Legal Notices	100	100	103	105	108	110	113	116	118	121	124
79	6061	4914	Licenses / Fees / Permits	5,240	5,200	5,335	5,469	5,605	5,740	5,872	6,007	6,145	6,286	6,437
80	6061	5100	Office Supplies	500	500	513	526	539	552	565	578	591	604	619
81	6061	5201	Other Operating Supplies	35,700	35,700	37,467	39,263	41,125	43,015	44,908	46,865	48,889	50,982	52,205
82	6061	5202	Fuel	2,160	2,000	2,100	2,205	2,315	2,431	2,553	2,680	2,814	2,955	3,103
83	6061	5204	Diesel Fuel	20,970	20,970	22,019	23,119	24,275	25,489	26,764	28,102	29,507	30,982	32,531
84	6061	5205	Chemicals	375,000	421,000	447,864	476,202	506,092	537,611	570,841	605,870	642,788	681,690	722,675
85	6061	5207	Uniforms	2,490	1,760	1,940	2,011	2,178	2,231	2,282	2,334	2,388	2,443	2,502
86	6061	5250	Minor Operating Equipment	22,580	53,830	55,230	56,610	58,026	59,418	60,785	62,183	63,613	65,076	66,638
87	6061	5400	Books / Subscriptions / Memberships	1,420	1,520	1,675	1,737	1,881	1,926	1,971	2,016	2,062	2,110	2,160
88	6061	5500	Training and Education	11,220	11,220	12,364	12,819	13,886	14,220	14,547	14,881	15,223	15,574	15,947
89	6061	IncrASR	Incremental Costs - Aquifer Storage and Recovery Facility	-	-	75,499	77,764	80,097	82,500	85,800	89,232	92,801	96,513	100,374
90	6061	IncrSW_WTP	Incremental Costs - Southwest Water Treatment Plant	-	-	-	289,000	297,670	306,600	318,864	331,619	344,883	358,679	373,026
91	Total Water System			\$ 5,246,581	\$ 5,329,641	\$ 5,812,594	\$ 6,378,512	\$ 6,648,168	\$ 6,927,523	\$ 7,222,189	\$ 7,529,443	\$ 7,849,823	\$ 8,183,891	\$ 8,531,679

Table 1-9

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projected Combined Water and Wastewater Operating Expenses

Line No.	Division Code	Expense Code	Description	Fiscal Year Ending September 30,												
				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		
138	6063	2700	Educational Assistance	2,500	-	-	-	-	-	-	-	-	-	-	-	-
139	6063	AddPers	Additional Personnel	-	-	-	67,844	290,245	297,211	304,047	311,040	318,194	325,512	333,325		
140	6063	3104	Medical Services	1,910	2,550	2,616	2,682	2,749	2,815	2,879	2,946	3,013	3,083	3,157		
141	6063	3105	Other Professional Services	10,240	13,000	13,520	14,061	14,623	15,208	15,816	16,449	17,107	17,791	18,503		
142	6063	3105BP	Other Professional Services - Backflow Preventor Progr	185,000	185,000	192,400	200,096	208,100	216,424	225,081	234,084	243,447	253,185	263,313		
143	6063	3400	Other Contractual Services	-	-	-	-	-	-	-	-	-	-	-	-	-
144	6063	4000	Travel and Per Diem	7,200	6,600	7,273	7,541	8,168	8,364	8,557	8,754	8,955	9,161	9,381		
145	6063	4100	Communication Services	31,730	30,080	30,862	31,634	32,424	33,203	33,966	34,748	35,547	36,364	37,237		
146	6063	4200	Postage and Mailing	20,650	20,650	21,187	21,717	22,259	22,794	23,318	23,854	24,403	24,964	25,563		
147	6063	4301	Water and Sewer	450	450	462	473	485	497	508	520	532	544	557		
148	6063	4302	Electric	10,000	10,000	10,638	11,311	12,021	12,770	13,559	14,391	15,268	16,192	17,166		
149	6063	4304	Electric - Lift Stations	121,250	126,000	134,040	142,521	151,467	160,900	170,846	181,329	192,378	204,021	216,288		
150	6063	4400	Rentals and Leases	4,500	4,500	4,617	4,732	4,851	4,967	5,081	5,198	5,318	5,440	5,571		
151	6063	4601	Repairs and Maintenance / Office Equipment	8,560	560	582	606	630	655	681	709	737	766	797		
152	6063	4602	Repairs and Maintenance / Communication Equipment	1,900	1,900	1,976	2,055	2,137	2,223	2,312	2,404	2,500	2,600	2,704		
153	6063	4604	Repairs and Maintenance / Buildings	400	400	416	433	450	468	487	506	526	547	569		
154	6063	4611	Repairs and Maintenance / Special Equipment	29,300	31,580	32,843	34,157	35,523	36,944	38,422	39,959	41,557	43,219	44,948		
155	6063	4650	Fleet - Administration	106,640	125,300	130,312	135,524	140,945	146,583	152,447	158,544	164,886	171,482	178,341		
156	6063	4651	Fleet - Labor	38,600	58,100	60,424	62,841	65,355	67,969	70,688	73,515	76,456	79,514	82,694		
157	6063	4652	Fleet - Parts	60,710	68,750	71,500	74,360	77,334	80,428	83,645	86,991	90,470	94,089	97,853		
158	6063	4653	Fleet - Outsourced	15,680	55,000	57,200	59,488	61,868	64,342	66,916	69,593	72,376	75,271	78,282		
159	6063	4660	Repairs and Maintenance / Collection	277,000	343,000	356,720	370,989	385,828	401,261	417,312	434,004	451,365	469,419	488,196		
160	6063	4661	Repairs and Maintenance / Distribution	87,000	103,000	107,120	111,405	115,861	120,495	125,315	130,328	135,541	140,963	146,601		
161	6063	4664	Repairs and Maintenance / Hydrants	15,000	15,000	15,600	16,224	16,873	17,548	18,250	18,980	19,739	20,529	21,350		
162	6063	4700	Printing and Binding	3,000	3,000	3,078	3,155	3,234	3,311	3,388	3,466	3,545	3,627	3,714		
163	6063	4914	Licenses / Fees / Permits	3,190	2,370	2,432	2,492	2,555	2,616	2,676	2,738	2,801	2,865	2,934		
164	6063	5100	Office Supplies	1,100	1,000	1,026	1,052	1,078	1,104	1,129	1,155	1,182	1,209	1,238		
165	6063	5201	Other Operating Supplies	30,000	30,000	31,485	32,994	34,559	36,147	37,738	39,383	41,083	42,842	43,870		
166	6063	5202	Fuel	75,950	130,860	137,403	144,273	151,487	159,061	167,014	175,365	184,133	193,340	203,007		
167	6063	5207	Uniforms	10,750	12,600	13,885	14,396	15,594	15,968	16,336	16,711	17,096	17,489	17,909		
168	6063	5250	Minor Operating Equipment	79,280	77,890	79,915	81,913	83,961	85,976	87,953	89,976	92,046	94,163	96,423		
169	6063	5260	Collection Supplies	14,000	14,000	14,364	14,723	15,091	15,453	15,809	16,172	16,544	16,925	17,331		
170	6063	5261	Distribution Supplies	14,000	14,000	14,364	14,723	15,091	15,453	15,809	16,172	16,544	16,925	17,331		
171	6063	5262	Meters	802,750	819,120	840,417	861,428	882,963	904,154	924,950	946,224	967,987	990,251	1,014,017		
172	6063	5263	New Installation Supplies	25,000	30,000	30,780	31,550	32,338	33,114	33,876	34,655	35,452	36,268	37,138		
173	6063	5264	Hydrants and Parts	11,200	11,200	11,491	11,778	12,073	12,363	12,647	12,938	13,235	13,540	13,865		
174	6063	5400	Books / Subscriptions / Memberships	1,070	1,070	1,179	1,223	1,324	1,356	1,387	1,419	1,452	1,485	1,521		
175	6063	5500	Training and Education	10,150	10,600	11,681	12,111	13,119	13,434	13,743	14,059	14,382	14,713	15,066		
176			Total Field Operations	\$ 4,383,610	\$ 4,892,810	\$ 5,082,007	\$ 5,343,515	\$ 5,768,969	\$ 5,983,843	\$ 6,205,673	\$ 6,436,258	\$ 6,675,958	\$ 6,925,145	\$ 7,185,034		
			Engineering													
177	6065	1200	Regular Salaries	\$ 568,210	\$ 528,650	\$ 549,796	\$ 571,788	\$ 594,659	\$ 618,446	\$ 643,184	\$ 668,911	\$ 695,667	\$ 723,494	\$ 752,434		
178	6065	1300	Other Salaries and Wages	-	-	-	-	-	-	-	-	-	-	-		
179	6065	1400	Overtime	30,200	30,190	31,398	32,654	33,960	35,318	36,731	38,200	39,728	41,317	42,970		
180	6065	2100	FICA	43,580	41,030	42,671	44,378	46,153	47,999	49,919	51,916	53,993	56,152	58,398		
181	6065	2201	Florida Retirement System	49,450	47,340	49,234	51,203	53,251	55,381	57,596	59,900	62,296	64,788	67,380		
182	6065	2300	Insurance - Health	82,520	82,460	86,583	90,912	95,458	100,231	105,242	110,504	116,030	121,831	127,923		
183	6065	2302	Vision Care	530	530	557	584	614	644	676	710	746	783	822		
184	6065	2304	Dental, Life, and Disability	8,250	6,370	6,689	7,023	7,374	7,743	8,130	8,536	8,963	9,411	9,882		

Table 1-9

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projected Combined Water and Wastewater Operating Expenses

Line No.	Division Code	Expense Code	Description	Fiscal Year Ending September 30,										
				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
185	6065	2400	Workers' Compensation	830	830	863	898	934	971	1,010	1,050	1,092	1,136	1,181
186	6065	AddPers	Additional Personnel	-	-	50,525	51,788	143,747	147,197	150,582	154,046	157,589	161,213	165,082
187	6065	3104	Medical Services	180	180	185	189	194	199	203	208	213	218	223
188	6065	3105	Other Professional Services	8,640	58,060	60,382	62,798	65,310	67,922	70,639	73,464	76,403	79,459	82,637
189	6065	4000	Travel and Per Diem	6,930	8,160	8,992	9,323	10,099	10,341	10,579	10,823	11,072	11,326	11,598
190	6065	4100	Communication Services	4,600	4,600	4,720	4,838	4,959	5,078	5,194	5,314	5,436	5,561	5,694
191	6065	4200	Postage and Mailing	100	100	105	110	115	120	126	131	137	143	146
192	6065	4601	Repairs and Maintenance / Office Equipment	1,000	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423
193	6065	4611	Repairs and Maintenance/Special Equipment	1,000	1,000	1,040	1,082	1,125	1,170	1,217	1,265	1,316	1,369	1,423
194	6065	4650	Fleet - Administration	8,520	3,650	3,796	3,948	4,106	4,270	4,441	4,618	4,803	4,995	5,195
195	6065	4651	Fleet - Labor	3,000	8,540	8,882	9,237	9,606	9,991	10,390	10,806	11,238	11,688	12,155
196	6065	4652	Fleet - Parts	1,500	2,490	2,590	2,693	2,801	2,913	3,029	3,151	3,277	3,408	3,544
197	6065	4653	Fleet - Outsourced	160	150	156	162	169	175	182	190	197	205	213
198	6065	4700	Printing and Binding	100	100	105	110	115	120	126	131	137	143	146
199	6065	4914	Licenses / Fees / Permits	2,100	5,430	5,571	5,710	5,853	5,994	6,132	6,273	6,417	6,564	6,722
200	6065	5100	Office Supplies	540	540	554	568	582	596	610	624	638	653	668
201	6065	5202	Fuel	11,000	9,250	9,713	10,198	10,708	11,243	11,806	12,396	13,016	13,666	14,350
202	6065	5207	Uniforms	1,800	1,800	1,984	2,057	2,228	2,281	2,334	2,387	2,442	2,498	2,558
203	6065	5250	Minor Operating Equipment	23,300	8,530	8,752	8,971	9,195	9,416	9,632	9,854	10,080	10,312	10,560
204	6065	5400	Books / Subscriptions / Memberships	2,210	1,610	1,774	1,839	1,993	2,040	2,087	2,135	2,184	2,235	2,288
205	6065	5500	Training and Education	6,040	7,470	8,232	8,535	9,245	9,467	9,685	9,908	10,135	10,369	10,617
206			Total Engineering	\$ 866,290	\$ 860,060	\$ 946,885	\$ 984,676	\$ 1,115,676	\$ 1,158,436	\$ 1,202,699	\$ 1,248,717	\$ 1,296,561	\$ 1,346,306	\$ 1,398,235
207			TOTAL COMBINED OPERATING EXPENSES	<u>\$ 16,216,639</u>	<u>\$ 17,482,196</u>	<u>\$ 18,815,730</u>	<u>\$ 20,014,824</u>	<u>\$ 21,193,062</u>	<u>\$ 22,090,493</u>	<u>\$ 23,027,859</u>	<u>\$ 24,005,847</u>	<u>\$ 25,026,243</u>	<u>\$ 26,090,910</u>	<u>\$ 27,186,544</u>

Table 1-10
City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Escalation References

Line No.	Description	Reference	Fiscal Year Ending September 30,								
			2021	2022	2023	2024	2025	2026	2027	2028	2029
1	Constant Factor	Constant	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	General Inflation (CPI Price Index) [1]	Inflation	1.0260	1.0250	1.0250	1.0240	1.0230	1.0230	1.0230	1.0230	1.0240
3	Labor	Labor	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
4	Health Insurance	HealthIns	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500
5	Customer Growth + Inflation - Water	Cust-Water	1.0494	1.0479	1.0474	1.0459	1.0439	1.0435	1.0431	1.0427	1.0240
6	Customer Growth + Inflation - Sewer	Cust-Sewer	1.0532	1.0514	1.0508	1.0491	1.0469	1.0464	1.0459	1.0454	1.0240
7	Water Rate Revenue	WRevenue	1.0628	1.0623	1.0618	1.0614	1.0606	1.0602	1.0598	1.0594	1.0000
8	Wastewater Rate Revenue	SRevenue	1.0460	1.0453	1.0447	1.0441	1.0430	1.0425	1.0420	1.0416	1.0000
9	Repair and Maintenance	Repair	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
10	Water Billed + Inflation	Bill-W	1.0495	1.0479	1.0474	1.0459	1.0440	1.0436	1.0432	1.0428	1.0240
11	Wastewater Billed + Inflation	Bill-S	1.0531	1.0514	1.0507	1.0491	1.0469	1.0463	1.0458	1.0453	1.0240
12	Water Produced + Inflation	Prod-W	1.0495	1.0479	1.0474	1.0459	1.0440	1.0436	1.0432	1.0428	1.0240
13	Wastewater Treated + Inflation	Treat-S	1.0532	1.0514	1.0508	1.0491	1.0475	1.0469	1.0464	1.0459	1.0464
14	Electricity - Commodity	ElectricCommod	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
15	Electricity - Water	ElectricW	1.0638	1.0633	1.0628	1.0623	1.0618	1.0614	1.0609	1.0605	1.0601
16	Electricity - Wastewater	ElectricS	1.0675	1.0668	1.0662	1.0655	1.0649	1.0643	1.0638	1.0632	1.0627
17	Chemicals - Commodity	ChemicalCommod	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
18	Chemicals - Water	ChemicalW	1.0638	1.0633	1.0628	1.0623	1.0618	1.0614	1.0609	1.0605	1.0601
19	Chemicals - Wastewater	ChemicalS	1.0675	1.0668	1.0662	1.0655	1.0649	1.0643	1.0638	1.0632	1.0627
20	Fuel	Fuel	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500
21	Sludge	Sludge	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500
22	Inflation/Employee Growth	Inf/Emp	1.1020	1.0368	1.0832	1.0240	1.0230	1.0230	1.0230	1.0230	1.0240
23	Property/General Insurance Liability	Insurance	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
24	Peace River Base Charge	PRBase	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
25	Peace River Volumetric Charge	PRVolume	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
26	Marginal Escalator	Marginal	1.0100	1.0100	1.0100	1.0100	1.0100	1.0100	1.0100	1.0100	1.0100
27	Elimination Factor	Eliminate	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28	Payment to General Fund	GenFund	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500
29	Other Professional Services - Admin	OtherProfAdmin	1.0260	1.0250	1.0250	1.0240	1.0230	1.0230	1.0230	1.0230	1.0240
30	Other Professional Services - Water	OthProfW	1.0260	1.0250	1.0250	1.0240	1.0230	1.0230	1.0230	1.0230	1.0240
31	Other Professional Services - Sewer	OthProfS	1.0260	1.0250	1.0250	1.0240	1.0230	1.0230	1.0230	1.0230	1.0240
32	Return on Investment	ROI	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500	1.0500
33	Peace River Customer Assessment	PRA	0.3333	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
34	Additional Item 1	Add1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
35	Additional Item 2	Add2	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

Footnotes:

[1] Estimates based on projections contained in "The Budget and Economic Outlook: 2019 to 2029" published by the Congressional Budget Office in January 2019.

Table 1-11
City of North Port, Florida
Utility Rate Analysis

Projected Wholesale Water Purchases From the Peace River / Manasota Regional Water Supply Authority

Line No.	Description	Escalation Reference	Fiscal Year Ending September 30,										
			2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<u>CALCULATION OF NORTH PORT PEACE RIVER CHARGES:</u>													
BASE CHARGES:													
1	Monthly Base Charge	PRBase	\$ 196,861	\$ 201,228	\$ 209,277	\$ 217,648	\$ 226,354	\$ 235,409	\$ 244,825	\$ 254,618	\$ 264,803	\$ 275,395	\$ 286,411
2	Number of Months		12	12	12	12	12	12	12	12	12	12	12
3	Annual Base Charges (Monthly Base Charge x 12)		\$ 2,362,332	\$ 2,414,739	\$ 2,511,329	\$ 2,611,782	\$ 2,716,253	\$ 2,824,903	\$ 2,937,899	\$ 3,055,415	\$ 3,177,632	\$ 3,304,737	\$ 3,436,927
VARIABLE (VOLUMETRIC) CHARGES:													
4	Assumed Purchases (MGD)		1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250
5	Annual Purchases (000's gallons)		456,250	456,250	456,250	456,250	456,250	456,250	456,250	456,250	456,250	456,250	456,250
6	Variable Rate Per 1,000 Gallons	PRVolume	\$ 0.740	\$ 0.760	\$ 0.790	\$ 0.822	\$ 0.855	\$ 0.889	\$ 0.925	\$ 0.962	\$ 1.000	\$ 1.040	\$ 1.082
7	Annual Variable Charges		\$ 337,625	\$ 346,750	\$ 360,620	\$ 375,045	\$ 390,047	\$ 405,648	\$ 421,874	\$ 438,749	\$ 456,299	\$ 474,551	\$ 493,533
8	ADDITIONAL PAYMENTS FOR CAPACITY		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	CUSTOMER PLANNING ASSESSMENT	PRA	6,724	21,082	7,027	7,308	7,601	7,905	8,221	8,550	8,892	9,247	9,617
10	<u>TOTAL APPLICABLE PEACE RIVER CHARGES TO NORTH PORT</u>		\$ 2,706,681	\$ 2,782,571	\$ 2,878,976	\$ 2,994,135	\$ 3,113,900	\$ 3,238,456	\$ 3,367,995	\$ 3,502,714	\$ 3,642,823	\$ 3,788,536	\$ 3,940,077
11	Combined Average Cost Per 1,000 Gallons		\$ 5.93	\$ 6.10	\$ 6.31	\$ 6.56	\$ 6.82	\$ 7.10	\$ 7.38	\$ 7.68	\$ 7.98	\$ 8.30	\$ 8.64
<u>Peace River Debt Service:</u>													
12	Series 2010A Bonds	Expansion %	100.00%										
13	Series 2010B Bonds	100.00%	\$ 83,373	\$ 83,373	\$ 83,373	\$ 83,373	\$ 83,373	\$ 83,373	\$ 83,373	\$ 83,373	\$ 83,373	\$ 83,373	\$ 83,373
14	Series 2014 Bonds	100.00%	675,669	675,669	675,669	675,669	675,669	675,669	675,669	675,669	675,669	675,669	675,669
15	Series 2015 Bonds	100.00%	470,389	470,732	470,255	675,040	675,438	674,577	674,554	675,345	674,848	649,240	940,300
16	Federal Subsidy for Series 2010B Bonds	100.00%	(206,511)	(206,511)	(206,511)	(206,511)	(206,511)	(206,511)	(206,511)	(206,511)	(206,511)	(206,511)	(206,511)
17	Total Peace River Debt Service		\$ 1,022,920	\$ 1,023,263	\$ 1,022,786	\$ 1,227,571	\$ 1,227,969	\$ 1,227,108	\$ 1,227,085	\$ 1,227,876	\$ 1,227,379	\$ 1,201,771	\$ 1,492,831
18	Amount Eligible to Be Paid with Water Capacity Fees		\$ 1,022,920	\$ 1,023,263	\$ 1,022,786	\$ 1,227,571	\$ 1,227,969	\$ 1,227,108	\$ 1,227,085	\$ 1,227,876	\$ 1,227,379	\$ 1,201,771	\$ 1,492,831
19	Available Water Capacity Fee Cash Balance Before Payment of Peace River Debt Service		\$ 8,857,349	\$ 7,105,793	\$ 6,889,471	\$ 6,670,985	\$ 6,450,315	\$ 6,227,438	\$ 4,997,333	\$ 2,749,926	\$ 2,488,920	\$ 1,998,180	\$ 1,526,531
20	Recognized Payment of Peace River Debt Service with Water Capacity Fees		\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,225,000	\$ 1,200,000	\$ 1,450,000
21	Ending Water Capacity Fee Fund Balance		\$ 8,857,349	\$ 6,105,793	\$ 5,889,471	\$ 5,670,985	\$ 5,450,315	\$ 5,227,438	\$ 3,997,333	\$ 1,749,926	\$ 1,263,920	\$ 798,180	\$ 76,531

Table 1-12

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Debt Service Allocation to Individual Systems

Line No.	Description	Percent		Fiscal Year Ending September 30,										
		Water	Wastewater	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EXISTING DEBT SERVICE														
Existing Senior Lien Debt														
Utility System Refunding Revenue Bonds, Series 2005 (Private Placement)														
1	Amount Funded	3.21%	96.79%	\$ 6,211,908										
2	Start Balance			\$ 5,763,612	\$ 5,382,655	\$ 4,984,966	\$ 4,569,686	\$ 4,137,229	\$ 3,687,897	\$ 3,222,412	\$ 2,735,293	\$ 2,232,320	\$ 1,708,846	\$ 1,160,477
3	Plus: Interest			234,915	219,989	203,179	186,253	168,627	150,724	131,340	111,486	90,986	69,841	47,299
4	Less: Payments			615,872	617,678	618,459	618,709	617,959	616,209	618,459	614,459	614,459	618,209	615,459
5	Balance End of Year			\$ 5,382,655	\$ 4,984,966	\$ 4,569,686	\$ 4,137,229	\$ 3,687,897	\$ 3,222,412	\$ 2,735,293	\$ 2,232,320	\$ 1,708,846	\$ 1,160,477	\$ 592,317
Utility System Refunding Revenue Bonds, Series 2014 (BB&T Refunding Note)														
6	Amount Funded	41.90%	58.10%	\$ 11,670,000										
7	Start Balance			\$ 5,513,000	\$ 4,179,000	\$ 2,816,000	\$ 1,423,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Plus: Interest			118,135	89,549	60,342	30,493	-	-	-	-	-	-	-
9	Less: Payments			1,452,135	1,452,549	1,453,342	1,453,493	-	-	-	-	-	-	-
10	Balance End of Year			\$ 4,179,000	\$ 2,816,000	\$ 1,423,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Existing Senior Lien Debt														
11	Amount Funded			\$ 17,881,908										
12	Start Balance			\$ 11,276,612	\$ 9,561,655	\$ 7,800,966	\$ 5,992,686	\$ 4,137,229	\$ 3,687,897	\$ 3,222,412	\$ 2,735,293	\$ 2,232,320	\$ 1,708,846	\$ 1,160,477
13	Plus: Interest			353,050	309,538	263,521	216,745	168,627	150,724	131,340	111,486	90,986	69,841	47,299
14	Less: Payments			2,068,006	2,070,227	2,071,801	2,072,202	617,959	616,209	618,459	614,459	614,459	618,209	615,459
15	Balance End of Year			\$ 9,561,655	\$ 7,800,966	\$ 5,992,686	\$ 4,137,229	\$ 3,687,897	\$ 3,222,412	\$ 2,735,293	\$ 2,232,320	\$ 1,708,846	\$ 1,160,477	\$ 592,317
Existing State Revolving Fund (SRF) Loan Debt														
SRF Loan WW668010														
16	Amount Funded	0.00%	100.00%	\$ 23,727,228										
17	Start Balance			\$ 16,335,357	\$ 15,228,229	\$ 14,089,738	\$ 12,918,986	\$ 11,715,050	\$ 10,476,981	\$ 9,203,800	\$ 7,894,502	\$ 6,548,053	\$ 5,163,387	\$ 3,739,410
18	Plus: Interest			452,529	421,166	388,905	355,721	321,588	286,476	250,359	213,208	174,992	135,680	95,241
19	Less: Payments			1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657
20	Balance End of Year			\$ 15,228,229	\$ 14,089,738	\$ 12,918,986	\$ 11,715,050	\$ 10,476,981	\$ 9,203,800	\$ 7,894,502	\$ 6,548,053	\$ 5,163,387	\$ 3,739,410	\$ 2,274,994
SRF Loan WW580700														
21	Amount Funded	0.00%	100.00%	\$ 2,507,967										
22	Start Balance			\$ 1,735,394	\$ 1,633,441	\$ 1,529,109	\$ 1,422,343	\$ 1,313,086	\$ 1,201,279	\$ 1,086,863	\$ 969,777	\$ 849,959	\$ 727,346	\$ 601,871
23	Plus: Interest			39,673	37,294	34,860	32,368	29,819	27,210	24,540	21,808	19,012	16,151	13,223
24	Less: Payments			141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626
25	Balance End of Year			\$ 1,633,441	\$ 1,529,109	\$ 1,422,343	\$ 1,313,086	\$ 1,201,279	\$ 1,086,863	\$ 969,777	\$ 849,959	\$ 727,346	\$ 601,871	\$ 473,468
SRF Loan WW580701														
26	Amount Funded	0.00%	100.00%	\$ 523,594										
27	Start Balance			\$ 501,727	\$ 477,148	\$ 452,374	\$ 427,405	\$ 402,239	\$ 376,874	\$ 351,309	\$ 325,542	\$ 299,571	\$ 273,396	\$ 247,013
28	Plus: Interest			3,905	3,711	3,516	3,318	3,120	2,920	2,718	2,514	2,309	2,102	1,894
29	Less: Payments			28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485
30	Balance End of Year			\$ 477,148	\$ 452,374	\$ 427,405	\$ 402,239	\$ 376,874	\$ 351,309	\$ 325,542	\$ 299,571	\$ 273,396	\$ 247,013	\$ 220,423

Table 1-12

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Debt Service Allocation to Individual Systems

Line No.	Description	Percent		Fiscal Year Ending September 30,										
		Water	Wastewater	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Total Existing SRF Loan Debt														
31	Amount Funded			\$ 26,758,789										
32	Start Balance			\$ 18,572,477	\$ 17,338,818	\$ 16,071,221	\$ 14,768,734	\$ 13,430,375	\$ 12,055,134	\$ 10,641,972	\$ 9,189,821	\$ 7,697,584	\$ 6,164,129	\$ 4,588,294
33	Plus: Interest			496,108	462,171	427,281	391,408	354,526	316,606	277,617	237,530	196,313	153,933	110,358
34	Less: Payments			1,729,768	1,729,768	1,729,768	1,729,768	1,729,768	1,729,768	1,729,768	1,729,768	1,729,768	1,729,768	1,729,768
35	Balance End of Year			\$ 17,338,818	\$ 16,071,221	\$ 14,768,734	\$ 13,430,375	\$ 12,055,134	\$ 10,641,972	\$ 9,189,821	\$ 7,697,584	\$ 6,164,129	\$ 4,588,294	\$ 2,968,884
Total Existing Debt														
36	Amount Funded			\$ 44,640,697										
37	Start Balance			\$ 29,849,089	\$ 26,900,473	\$ 23,872,188	\$ 20,761,420	\$ 17,567,605	\$ 15,743,030	\$ 13,864,384	\$ 11,925,114	\$ 9,929,903	\$ 7,872,975	\$ 5,748,772
38	Plus: Interest			849,158	771,710	690,802	608,153	523,153	467,330	408,957	349,016	287,298	223,774	157,657
39	Less: Payments			3,797,774	3,799,995	3,801,569	3,801,969	2,347,727	2,345,977	2,348,227	2,344,227	2,344,227	2,347,977	2,345,227
40	Balance End of Year			\$ 26,900,473	\$ 23,872,188	\$ 20,761,420	\$ 17,567,605	\$ 15,743,030	\$ 13,864,384	\$ 11,925,114	\$ 9,929,903	\$ 7,872,975	\$ 5,748,772	\$ 3,561,202
PROPOSED DEBT SERVICE														
<u>Proposed Senior Lien Debt</u>														
Additional Senior Lien Debt 1														
41	Amount Funded	100.00%	0.00%	\$ 13,075,000										
42	Start Balance			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,075,000	\$ 12,469,075	\$ 11,832,853	\$ 11,164,820	\$ 10,463,386
43	Plus: Interest			-	-	-	-	-	-	653,750	623,454	591,643	558,241	523,169
44	Less: Payments			-	-	-	-	-	-	1,259,675	1,259,675	1,259,675	1,259,675	1,259,675
45	Balance End of Year			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,469,075	\$ 11,832,853	\$ 11,164,820	\$ 10,463,386	\$ 9,726,880
Total Proposed Senior Lien Debt														
46	Amount Funded			\$ 13,075,000										
47	Start Balance			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,075,000	\$ 12,469,075	\$ 11,832,853	\$ 11,164,820	\$ 10,463,386
48	Plus: Interest			-	-	-	-	-	-	653,750	623,454	591,643	558,241	523,169
49	Less: Payments			-	-	-	-	-	-	1,259,675	1,259,675	1,259,675	1,259,675	1,259,675
50	Balance End of Year			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,469,075	\$ 11,832,853	\$ 11,164,820	\$ 10,463,386	\$ 9,726,880
<u>Proposed Subordinate Lien Debt</u>														
Additional Junior Lien Debt 1														
51	Amount Funded	0.00%	100.00%	\$ 3,045,000										
52	Start Balance			\$ -	\$ -	\$ -	\$ -	\$ 3,045,000	\$ 2,919,678	\$ 2,791,849	\$ 2,661,464	\$ 2,528,471	\$ 2,392,818	\$ 2,254,452
53	Plus: Interest			-	-	-	-	60,900	58,394	55,837	53,229	50,569	47,856	45,089
54	Less: Payments			-	-	-	-	186,222	186,222	186,222	186,222	186,222	186,222	186,222
55	Balance End of Year			\$ -	\$ -	\$ -	\$ -	\$ 2,919,678	\$ 2,791,849	\$ 2,661,464	\$ 2,528,471	\$ 2,392,818	\$ 2,254,452	\$ 2,113,319
Total Proposed Subordinate Lien Debt														
56	Amount Funded			\$ 3,045,000										
57	Start Balance			\$ -	\$ -	\$ -	\$ -	\$ 3,045,000	\$ 2,919,678	\$ 2,791,849	\$ 2,661,464	\$ 2,528,471	\$ 2,392,818	\$ 2,254,452
58	Plus: Interest			-	-	-	-	60,900	58,394	55,837	53,229	50,569	47,856	45,089
59	Less: Payments			-	-	-	-	186,222	186,222	186,222	186,222	186,222	186,222	186,222
60	Balance End of Year			\$ -	\$ -	\$ -	\$ -	\$ 2,919,678	\$ 2,791,849	\$ 2,661,464	\$ 2,528,471	\$ 2,392,818	\$ 2,254,452	\$ 2,113,319
Total Proposed Debt														
61	Amount Funded			\$ 16,120,000										
62	Start Balance			\$ -	\$ -	\$ -	\$ -	\$ 3,045,000	\$ 2,919,678	\$ 15,866,849	\$ 15,130,539	\$ 14,361,324	\$ 13,557,638	\$ 12,717,838
63	Plus: Interest			-	-	-	-	60,900	58,394	709,587	676,683	642,212	606,097	568,258
64	Less: Payments			-	-	-	-	186,222	186,222	1,445,898	1,445,898	1,445,898	1,445,898	1,445,898
65	Balance End of Year			\$ -	\$ -	\$ -	\$ -	\$ 2,919,678	\$ 2,791,849	\$ 15,130,539	\$ 14,361,324	\$ 13,557,638	\$ 12,717,838	\$ 11,840,199

Table 1-12

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Debt Service Allocation to Individual Systems

Line No.	Description	Percent		Fiscal Year Ending September 30,										
		Water	Wastewater	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
TOTAL DEBT														
66	Amount Funded			\$ 60,760,697										
67	Start Balance			\$ 29,849,089	\$ 26,900,473	\$ 23,872,188	\$ 20,761,420	\$ 20,612,605	\$ 18,662,708	\$ 29,731,233	\$ 27,055,653	\$ 24,291,227	\$ 21,430,613	\$ 18,466,610
68	Plus: Interest			849,158	771,710	690,802	608,153	584,053	525,724	1,118,544	1,025,699	929,510	829,871	725,915
69	Less: Payments			3,797,774	3,799,995	3,801,569	3,801,969	2,533,949	2,532,199	3,794,124	3,790,124	3,790,124	3,793,874	3,791,124
70	Balance End of Year			\$ 26,900,473	\$ 23,872,188	\$ 20,761,420	\$ 17,567,605	\$ 18,662,708	\$ 16,656,233	\$ 27,055,653	\$ 24,291,227	\$ 21,430,613	\$ 18,466,610	\$ 15,401,401
71	Total Interest Payments			\$ 849,158	\$ 771,710	\$ 690,802	\$ 608,153	\$ 584,053	\$ 525,724	\$ 1,118,544	\$ 1,025,699	\$ 929,510	\$ 829,871	\$ 725,915
72	Total Principal Payments			2,948,616	3,028,285	3,110,767	3,193,816	1,949,896	2,006,475	2,675,580	2,764,426	2,860,614	2,964,003	3,065,209
73	Total Debt Service			\$ 3,797,774	\$ 3,799,995	\$ 3,801,569	\$ 3,801,969	\$ 2,533,949	\$ 2,532,199	\$ 3,794,124	\$ 3,790,124	\$ 3,790,124	\$ 3,793,874	\$ 3,791,124
WATER SYSTEM DEBT SERVICE														
74	Utility System Refunding Revenue Bonds, Series 2005 (Private Placement)	3.21%		\$ 19,769	\$ 19,827	\$ 19,853	\$ 19,861	\$ 19,836	\$ 19,780	\$ 19,853	\$ 19,724	\$ 19,724	\$ 19,845	\$ 19,756
75	Utility System Refunding Revenue Bonds, Series 2014 (BB&T Refunding Note)	41.90%		608,444	608,618	608,950	609,013	-	-	-	-	-	-	-
76	Additional Senior Lien Debt 1	100.00%		-	-	-	-	-	-	1,259,675	1,259,675	1,259,675	1,259,675	1,259,675
	Total			\$ 628,214	\$ 628,445	\$ 628,803	\$ 628,874	\$ 19,836	\$ 19,780	\$ 1,279,528	\$ 1,279,400	\$ 1,279,400	\$ 1,279,520	\$ 1,279,432
WASTEWATER SYSTEM DEBT SERVICE														
77	Utility System Refunding Revenue Bonds, Series 2005 (Private Placement)		96.79%	\$ 596,102	\$ 597,851	\$ 598,607	\$ 598,849	\$ 598,123	\$ 596,429	\$ 598,607	\$ 594,735	\$ 594,735	\$ 598,365	\$ 595,703
78	Utility System Refunding Revenue Bonds, Series 2014 (BB&T Refunding Note)	58.10%		843,690	843,931	844,392	844,479	-	-	-	-	-	-	-
79	SRF Loan WW668010	100.00%		1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657	1,559,657
80	SRF Loan WW580700	100.00%		141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626
81	SRF Loan WW580701	100.00%		28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485
82	Additional Junior Lien Debt 1	100.00%		-	-	-	-	186,222	186,222	186,222	186,222	186,222	186,222	186,222
	Additional Junior Lien Debt 2	100.00%		-	-	-	-	-	-	-	-	-	-	-
	Additional Junior Lien Debt 3	100.00%		-	-	-	-	-	-	-	-	-	-	-
	Additional Junior Lien Debt 4	100.00%		-	-	-	-	-	-	-	-	-	-	-
83	Total			\$ 3,169,560	\$ 3,171,549	\$ 3,172,766	\$ 3,173,095	\$ 2,514,113	\$ 2,512,419	\$ 2,514,596	\$ 2,510,725	\$ 2,510,725	\$ 2,514,355	\$ 2,511,693
84	Water System (%)			16.54%	16.54%	16.54%	16.54%	0.78%	0.78%	33.72%	33.76%	33.76%	33.73%	33.75%
85	Wastewater System (%)			83.46%	83.46%	83.46%	83.46%	99.22%	99.22%	66.28%	66.24%	66.24%	66.27%	66.25%
86	Total			100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Table 1-13

City of North Port, Florida
Utility Rate Analysis

Estimated Multi-Year Capital Improvement Program and Funding Sources

Line No.	Description	Funding Source	Fiscal Year Ending September 30,											Total
			Adjusted 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
WATER SYSTEM CAPITAL IMPROVEMENT PROGRAM														
Departmental Capital														
1	Water System	REV	\$ 115,870	\$ 91,136	\$ 108,214	\$ 110,920	\$ 113,693	\$ 116,421	\$ 119,099	\$ 121,838	\$ 124,640	\$ 127,507	\$ 130,567	\$ 1,279,906
2	Field Operations	REV	546,159	249,510	430,279	441,036	452,062	462,912	473,559	484,450	495,593	506,991	519,159	5,061,712
3	Engineering	REV	-	27,683	28,403	29,113	29,841	30,557	31,260	31,979	32,715	33,467	34,270	309,290
4	Adjustments	REV	-	-	-	-	-	-	-	-	-	-	-	-
5	Subtotal - Departmental Capital		\$ 662,029	\$ 368,330	\$ 566,897	\$ 581,069	\$ 595,596	\$ 609,890	\$ 623,918	\$ 638,268	\$ 652,948	\$ 667,966	\$ 683,997	\$ 6,650,908
Major Capital Projects														
6	Utility Administration / Field Operations Building	CRF	\$ 155,000	\$ 2,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,955,000
7	Utility Administration / Field Operations Building	WCF	-	2,500,000	-	-	-	-	-	-	-	-	-	2,500,000
8	Water and Sewer Line Extension	Surtax	-	614,000	626,300	638,850	651,650	-	-	-	-	-	-	2,530,800
9	Water Transmission Service Improvements	CRF	-	150,000	494,700	229,600	384,700	355,000	458,700	458,700	458,700	458,700	400,000	3,848,800
10	Update and Convert Standard Details	CRF	-	25,000	-	-	-	-	-	-	-	-	-	25,000
11	Utility Master Plan Updates	CRF	-	-	187,500	-	-	-	-	187,500	-	-	-	375,000
12	Utility Rate Study Update	CRF	13,500	-	-	15,000	-	-	15,000	-	-	15,000	-	58,500
13	New Residential Meters	CRF	57,938	197,500	203,425	209,528	215,814	222,288	228,957	235,825	242,900	250,187	257,693	2,322,054
14	New Commercial Meters	CRF	15,450	15,914	16,391	16,883	17,389	17,911	18,448	19,002	19,572	20,159	20,764	197,880
15	Commercial Change Out Meters	CRF	-	41,250	20,600	20,600	20,600	20,600	20,600	20,600	20,600	20,600	20,600	226,650
16	Replacement Meters	CRF	398,592	268,200	284,292	301,350	319,430	338,596	358,912	380,447	403,274	427,470	453,118	3,933,681
17	Retrofit Meters to AMR	CRF	-	296,250	296,250	-	-	-	-	-	-	-	-	592,500
18	Water Transmission and Relocation	CRF	50,000	50,000	50,000	60,000	65,000	75,000	75,000	75,000	75,000	75,000	75,000	725,000
19	Study Lake Frankie	CRF	-	-	-	-	-	-	-	100,000	-	-	-	100,000
20	MOTE HBMP Required Tri-Annual Report	CRF	-	-	40,000	-	-	40,000	-	-	40,000	-	-	120,000
21	MOTE HBMP Annual Monitoring	CRF	-	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
22	Bridge Water Main Replacements	CRF	109,170	415,000	150,000	275,000	170,000	170,000	-	-	-	-	-	1,289,170
23	Reverse Osmosis Membrane Replacement	CRF	244,583	-	-	-	-	-	-	-	-	-	300,000	544,583
24	High Service Pumps VFD Replacement (3)	CRF	-	-	-	-	-	-	-	30,000	-	-	-	30,000
25	Flocculation Basins Rehabilitation	CRF	-	-	140,000	-	-	-	-	-	-	-	-	140,000
26	Filter Media	CRF	-	-	-	-	-	-	-	-	-	50,000	-	50,000
27	Under Drain Replacement	CRF	-	-	-	-	-	-	-	-	-	200,000	-	200,000
28	Control Panel 500 Replacement / Fiber Upgrade	CRF	-	20,000	-	-	-	-	-	-	-	-	-	20,000
29	Plant SCADA Wonderware Upgrade / Replacement	CRF	-	-	22,000	-	-	-	-	-	-	-	-	22,000
30	HBS (2) VFD Replacement	CRF	-	-	-	-	-	-	-	-	22,000	-	-	22,000
31	NEBS (2) VFD Replacement	CRF	-	-	-	-	-	-	-	-	-	-	25,000	25,000
32	SWBS (2) VFD Replacement	CRF	-	-	-	-	-	-	-	22,000	-	-	-	22,000
33	Replace PAC System ? Option #2 \$ 347,000	CRF	-	-	-	-	-	-	370,000	-	-	-	-	370,000
34	Sludge Press	CRF	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
35	Treatability Study Results	B1	-	-	-	-	-	-	5,000,000	-	-	-	-	5,000,000
36	2 VFDs on Raw Water Intake (Myakkahatchee Creek)	CRF	-	30,000	-	-	-	-	-	-	-	-	-	30,000
37	New VFDs Southwest and Northeast (Booster Improvements)	WCF	-	50,000	-	-	-	-	-	-	-	-	-	50,000
38	Clarifier #1 Rehabilitation, Improvements to the Valves and Pipework to the Filter Gallery and Settling Basins	CRF	-	-	-	250,000	775,000	775,000	755,000	-	-	-	-	2,555,000
39	Ammonia Tanks	CRF	-	-	-	-	-	-	-	-	-	50,000	10,000	60,000
40	Bleach Tanks	CRF	-	-	-	45,000	-	-	-	-	50,000	-	-	95,000
41	Water Transmission Oversizing	WCF	-	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
42	Reclaimed to Potable	WCF	-	-	-	-	-	-	1,000,000	-	-	-	-	1,000,000
43	Alternative Energy Source Study	CRF	-	-	-	-	250,000	-	-	-	-	-	-	250,000
44	Developer-Funded Water Treatment Plant	CC	-	-	24,150,000	-	-	-	-	-	-	-	-	24,150,000
45	Water Supply Facilities 10 yr work plan	CRF	-	-	-	55,000	-	-	-	-	-	-	-	55,000
46	Risk Assessment and Emergency Response	CRF	-	150,000	-	-	-	-	-	-	-	-	-	150,000
47	Reservoir	B1	-	-	-	-	-	-	-	8,000,000	-	-	-	8,000,000
48	Reservoir	WCF	-	-	-	-	-	-	-	2,000,000	-	-	-	2,000,000
49	Replacement of Filters at ASR Well	CRF	47,700	-	-	-	-	-	47,700	-	-	-	-	95,400

Table 1-13

City of North Port, Florida
Utility Rate Analysis

Estimated Multi-Year Capital Improvement Program and Funding Sources

Line No.	Description	Funding Source	Fiscal Year Ending September 30,											Total	
			Adjusted 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		
50	Potable Water Meter	CRF	266,645	-	-	-	-	-	-	-	-	-	-	-	266,645
51	Ammonia System Upgrade	CRF	168,556	-	-	-	-	-	-	-	-	-	-	-	168,556
52	Water Storage Shed	CRF	50,000	-	-	-	-	-	-	-	-	-	-	-	50,000
53	Utility Storage Facility	CRF	92,500	-	-	-	-	-	-	-	-	-	-	-	92,500
54	ASR Permanent Facility	CRF	141,435	-	-	-	-	-	-	-	-	-	-	-	141,435
55	Water Transmission - Ortiz	CRF	334,325	-	-	-	-	-	-	-	-	-	-	-	334,325
56	Transfer Pumps - Water Plant	CRF	181,690	-	-	-	-	-	-	-	-	-	-	-	181,690
57	Water Transmission - Water Treatment Plant to Ortiz	CRF	240,000	-	-	-	-	-	-	-	-	-	-	-	240,000
58	Adjustments	CRF	-	-	-	-	-	-	-	-	-	-	-	-	-
59	Subtotal - Major Capital Projects		\$ 2,567,084	\$ 10,773,114	\$ 26,831,458	\$ 2,266,810	\$ 3,019,583	\$ 2,164,395	\$ 8,498,317	\$ 11,679,074	\$ 1,482,045	\$ 1,717,116	\$ 1,712,174	\$ 72,711,169	
60	TOTAL WATER SYSTEM CAPITAL IMPROVEMENT PROGRAM		\$ 3,229,113	\$ 11,141,443	\$ 27,398,355	\$ 2,847,879	\$ 3,615,179	\$ 2,774,285	\$ 9,122,235	\$ 12,317,342	\$ 2,134,993	\$ 2,385,082	\$ 2,396,171	\$ 79,362,077	
WASTEWATER SYSTEM CAPITAL IMPROVEMENT PROGRAM															
Departmental Capital															
61	Wastewater System	REV	\$ 1,153,200	\$ 933,171	\$ 1,103,155	\$ 1,130,734	\$ 1,159,002	\$ 1,186,818	\$ 1,214,115	\$ 1,242,040	\$ 1,270,607	\$ 1,299,831	\$ 1,331,027	\$ 13,023,701	
62	Field Operations	REV	387,341	176,955	305,158	312,786	320,606	328,301	335,852	343,576	351,478	359,562	368,192	3,589,807	
63	Engineering	REV	-	26,742	27,437	28,123	28,826	29,518	30,197	30,892	31,602	32,329	33,105	298,773	
64	Adjustments	REV	-	-	-	-	-	-	-	-	-	-	-	-	
65	Subtotal - Departmental Capital		\$ 1,540,541	\$ 1,136,868	\$ 1,435,750	\$ 1,471,644	\$ 1,508,435	\$ 1,544,637	\$ 1,580,164	\$ 1,616,508	\$ 1,653,688	\$ 1,691,722	\$ 1,732,324	\$ 16,912,281	
Major Capital Projects															
66	Utility Administration / Field Operations Building	CRF	\$ 155,000	\$ 2,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,955,000
67	Utility Administration / Field Operations Building	SCF	-	2,500,000	-	-	-	-	-	-	-	-	-	-	2,500,000
68	Water and Sewer Line Extension	Surtax	-	614,000	626,300	638,850	651,650	-	-	-	-	-	-	-	2,530,800
69	Update and Convert Standard Details	CRF	-	25,000	-	-	-	-	-	-	-	-	-	-	25,000
70	Utility Master Plan Updates	CRF	-	-	187,500	-	-	-	-	187,500	-	-	-	-	375,000
71	Utility Rate Study Update	CRF	13,500	-	-	15,000	-	-	15,000	-	-	15,000	-	-	58,500
72	Inflow and Infiltration	CRF	1,208,619	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	4,208,619	
73	Wastewater Transmission and Relocation	CRF	50,000	50,000	50,000	60,000	65,000	75,000	75,000	75,000	75,000	75,000	75,000	725,000	
74	Lift Station Rehabilitation	CRF	-	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,000,000	
75	Wonderware / SCADA Software	CRF	-	200,000	-	-	-	-	-	-	-	-	-	-	200,000
76	Grit Cyclone Coating	CRF	-	60,000	-	-	-	-	-	-	-	-	-	-	60,000
77	Clarifier #4 Coating	CRF	-	35,000	-	-	-	-	-	-	-	-	-	-	35,000
78	Clarifier #3 Conversion/Drive / Coating	CRF	-	180,000	-	-	-	-	-	-	-	-	-	-	180,000
79	Headworks Helixpress #1	CRF	-	-	-	-	100,000	-	-	-	-	-	-	-	100,000
80	Bleach Tanks	CRF	-	-	-	45,000	-	-	-	-	-	-	-	-	45,000
81	Master Pumping Station (Toledo and Price)	J1	-	-	-	2,950,000	-	-	-	-	-	-	-	-	2,950,000
82	Southwest Wastewater Treatment Facility	CC	41,650,000	-	-	-	-	-	-	-	-	-	-	-	41,650,000
83	Lift Station Mixers	CRF	21,320	-	-	-	-	-	-	-	-	-	-	-	21,320
84	2018 Lift Station Rehab	CRF	48,245	-	-	-	-	-	-	-	-	-	-	-	48,245
85	Wastewater Improvement - Influent Channel	CRF	143,160	-	-	-	-	-	-	-	-	-	-	-	143,160
86	Lift Station SCADA	CRF	60,000	-	-	-	-	-	-	-	-	-	-	-	60,000
87	Showers and Women's Bathroom	CRF	-	-	1,000,000	-	-	-	-	-	-	-	-	-	1,000,000
88	Adjustments	CRF	-	-	-	-	-	-	-	-	-	-	-	-	-
89	Subtotal - Major Capital Projects		\$ 43,349,844	\$ 7,264,000	\$ 2,663,800	\$ 4,508,850	\$ 1,616,650	\$ 875,000	\$ 890,000	\$ 1,062,500	\$ 875,000	\$ 890,000	\$ 875,000	\$ 64,870,644	
90	TOTAL WASTEWATER SYSTEM CAPITAL IMPROVEMENT PROGRAM		\$ 44,890,385	\$ 8,400,868	\$ 4,099,550	\$ 5,980,494	\$ 3,125,085	\$ 2,419,637	\$ 2,470,164	\$ 2,679,008	\$ 2,528,688	\$ 2,581,722	\$ 2,607,324	\$ 81,782,925	
TOTAL WATER AND WASTEWATER SYSTEM CAPITAL IMPROVEMENT PROGRAM															
91			\$ 48,119,498	\$ 19,542,312	\$ 31,497,905	\$ 8,828,373	\$ 6,740,264	\$ 5,193,923	\$ 11,592,399	\$ 14,996,349	\$ 4,663,681	\$ 4,966,804	\$ 5,003,495	\$ 161,145,002	

Table 1-13

City of North Port, Florida
Utility Rate Analysis

Estimated Multi-Year Capital Improvement Program and Funding Sources

Line No.	Description	Funding Source	Fiscal Year Ending September 30,											Total
			Adjusted 2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
FUNDING SOURCES														
WATER SYSTEM														
92	Capital Replacement Fund Deposits	CRF	\$ 2,567,084	\$ 7,559,114	\$ 2,005,158	\$ 1,577,960	\$ 2,317,933	\$ 2,114,395	\$ 2,448,317	\$ 1,629,074	\$ 1,432,045	\$ 1,667,116	\$ 1,662,174	\$ 26,980,369
93	Water System Capacity Fees	WCF	-	2,600,000	50,000	50,000	50,000	50,000	1,050,000	2,050,000	50,000	50,000	50,000	6,050,000
94	Additional Senior Lien Debt 1	B1	-	-	-	-	-	-	5,000,000	8,000,000	-	-	-	13,000,000
95	Contributed Capital - Developer	CC	-	-	24,150,000	-	-	-	-	-	-	-	-	24,150,000
96	Surtax	Surtax	-	614,000	626,300	638,850	651,650	-	-	-	-	-	-	2,530,800
97	User Rate Revenue	REV	662,029	368,330	566,897	581,069	595,596	609,890	623,918	638,268	652,948	667,966	683,997	6,650,908
98	TOTAL WATER SYSTEM FUNDING SOURCES		\$ 3,229,113	\$ 11,141,443	\$ 27,398,355	\$ 2,847,879	\$ 3,615,179	\$ 2,774,285	\$ 9,122,235	\$ 12,317,342	\$ 2,134,993	\$ 2,385,082	\$ 2,396,171	\$ 79,362,077
WASTEWATER SYSTEM														
99	Capital Replacement Fund Deposits	CRF	\$ 1,699,844	\$ 4,150,000	\$ 2,037,500	\$ 920,000	\$ 965,000	\$ 875,000	\$ 890,000	\$ 1,062,500	\$ 875,000	\$ 890,000	\$ 875,000	\$ 15,239,844
100	Wastewater System Capacity Fees	SCF	-	2,500,000	-	-	-	-	-	-	-	-	-	2,500,000
101	Additional Junior Lien Debt 1	J1	-	-	-	2,950,000	-	-	-	-	-	-	-	2,950,000
102	Contributed Capital - Developer	CC	41,650,000	-	-	-	-	-	-	-	-	-	-	41,650,000
103	Surtax	Surtax	-	614,000	626,300	638,850	651,650	-	-	-	-	-	-	2,530,800
104	User Rate Revenue	REV	1,540,541	1,136,868	1,435,750	1,471,644	1,508,435	1,544,637	1,580,164	1,616,508	1,653,688	1,691,722	1,732,324	16,912,281
105	TOTAL WASTEWATER SYSTEM FUNDING SOURCES		\$ 44,890,385	\$ 8,400,868	\$ 4,099,550	\$ 5,980,494	\$ 3,125,085	\$ 2,419,637	\$ 2,470,164	\$ 2,679,008	\$ 2,528,688	\$ 2,581,722	\$ 2,607,324	\$ 81,782,925
WATER AND WASTEWATER SYSTEM														
106	Capital Replacement and Improvement Fund Deposits	CRF	\$ 4,266,928	\$ 11,709,114	\$ 4,042,658	\$ 2,497,960	\$ 3,282,933	\$ 2,989,395	\$ 3,338,317	\$ 2,691,574	\$ 2,307,045	\$ 2,557,116	\$ 2,537,174	\$ 42,220,213
107	Water System Capacity Fees	WCF	-	2,600,000	50,000	50,000	50,000	50,000	1,050,000	2,050,000	50,000	50,000	50,000	6,050,000
108	Wastewater System Capacity Fees	SCF	-	2,500,000	-	-	-	-	-	-	-	-	-	2,500,000
109	Additional Senior Lien Debt 1	B1	-	-	-	-	-	-	5,000,000	8,000,000	-	-	-	13,000,000
110	Additional Junior Lien Debt 1	J1	-	-	-	2,950,000	-	-	-	-	-	-	-	2,950,000
111	Contributed Capital - Developer	CC	41,650,000	-	24,150,000	-	-	-	-	-	-	-	-	65,800,000
112	Surtax	Surtax	-	1,228,000	1,252,600	1,277,700	1,303,300	-	-	-	-	-	-	5,061,600
113	User Rate Revenue	REV	2,202,570	1,505,198	2,002,647	2,052,713	2,104,031	2,154,528	2,204,082	2,254,776	2,306,636	2,359,688	2,416,321	23,563,189
114	TOTAL WATER AND WASTEWATER SYSTEM FUNDING SOURCES		\$ 48,119,498	\$ 19,542,312	\$ 31,497,905	\$ 8,828,373	\$ 6,740,264	\$ 5,193,923	\$ 11,592,399	\$ 14,996,349	\$ 4,663,681	\$ 4,966,804	\$ 5,003,495	\$ 161,145,002

Table 1-14
City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projection of Fund Cash Balances and Interest Income

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
OPERATION AND MAINTENANCE FUND												
1	Beginning Balance	\$ 21,709,852										
2	Adjustment for Open Purchase Orders	-										
3	Adjusted Beginning Balance	\$ 21,709,852	\$ 19,234,239	\$ 9,905,659	\$ 9,665,792	\$ 9,505,659	\$ 8,684,077	\$ 9,390,037	\$ 8,785,264	\$ 9,250,822	\$ 10,676,968	\$ 12,331,766
4	Transfers In - Grant Reimbursement	-	-	-	-	-	-	-	-	-	-	-
5	Transfers Out - Capital Improvement Program - Water	-	-	-	-	-	-	-	-	-	-	-
6	Transfers Out - Capital Improvement Program - Wastewater	-	-	-	-	-	-	-	-	-	-	-
7	Transfers Out - Renewal and Replacement Fund - Water	-	-	-	-	-	-	-	-	-	-	-
8	Transfers Out - Renewal and Replacement Fund - Wastewater	-	-	-	-	-	-	-	-	-	-	-
9	Transfers In / (Out) - Surplus / (Deficiency) - Water	(1,939,971)	(6,094,265)	1,176,254	163,623	(839,045)	(432,677)	(1,780,711)	(697,443)	15,081	72,695	679,107
10	Transfers In / (Out) - Surplus / (Deficiency) - Wastewater	(535,642)	(3,234,316)	(1,416,120)	(323,756)	17,464	1,138,636	1,175,938	1,163,001	1,411,064	1,582,103	1,768,689
11	Interest Rate	(S) 1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
12	Interest Income	217,099	192,342	99,057	96,658	95,057	86,841	93,900	87,853	92,508	106,770	123,318
13	Recognition of Interest Earnings in Revenue Requirements	217,099	192,342	99,057	96,658	95,057	86,841	93,900	87,853	92,508	106,770	123,318
14	Ending Balance	\$ 19,234,239	\$ 9,905,659	\$ 9,665,792	\$ 9,505,659	\$ 8,684,077	\$ 9,390,037	\$ 8,785,264	\$ 9,250,822	\$ 10,676,968	\$ 12,331,766	\$ 14,779,563
Days of Rate Revenue (Target = 120 Days)												
15	With Rate Stabilization Fund Balance	376	198	183	172	151	153	138	137	147	159	177
16	Without Rate Stabilization Fund Balance	346	169	157	146	127	130	116	116	127	140	159
Days of Operation & Maintenance Expenses												
17	With Rate Stabilization Fund Balance	470	241	220	204	178	183	166	166	180	196	221
18	Without Rate Stabilization Fund Balance	433	207	188	173	150	155	139	141	156	173	198
19	Percent Allocable to Water System	48.40%	48.79%	49.19%	49.60%	50.00%	50.41%	50.83%	51.24%	51.66%	52.09%	52.51%
20	Interest Income Allocable to Water System	UW \$ 105,073	\$ 93,851	\$ 48,729	\$ 47,940	\$ 47,532	\$ 43,780	\$ 47,728	\$ 45,020	\$ 47,794	\$ 55,612	\$ 64,753
21	Interest Income Allocable to Wastewater System	US 112,026	98,491	50,328	48,718	47,524	43,060	46,173	42,833	44,715	51,158	58,565
CAPITAL REPLACEMENT AND IMPROVEMENT FUND - WATER												
22	Beginning Balance	\$ -										
23	Adjustment For Open Purchase Orders	-										
24	Adjusted Beginning Balance	\$ -	\$ -	\$ 172,419	\$ 1,224,750	\$ 501,522	\$ 656,603	\$ 804,965	\$ 946,173	\$ 1,079,759	\$ 1,205,238	\$ 1,322,094
25	Transfers In	2,567,084	7,731,533	-	854,732	2,473,014	2,262,757	2,589,525	1,762,660	1,557,525	1,783,971	1,769,856
26	Transfers In - Peace River Project Savings	-	-	3,057,489	-	-	-	-	-	-	-	-
27	Transfers Out - Capital Improvement Program	2,567,084	7,559,114	2,005,158	1,577,960	2,317,933	2,114,395	2,448,317	1,629,074	1,432,045	1,667,116	1,662,174
28	Interest Rate	(S) 1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
29	Interest Income	-	862	6,986	8,631	5,791	7,308	8,756	10,130	11,425	12,637	13,759
30	Recognition of Interest Earnings in Revenue Requirements	-	862	6,986	8,631	5,791	7,308	8,756	10,130	11,425	12,637	13,759
31	Ending Balance	\$ -	\$ 172,419	\$ 1,224,750	\$ 501,522	\$ 656,603	\$ 804,965	\$ 946,173	\$ 1,079,759	\$ 1,205,238	\$ 1,322,094	\$ 1,429,776
32	Percent Allocable to Water System	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
33	Interest Income Allocable to Water System	UW \$ -	\$ 862	\$ 6,986	\$ 8,631	\$ 5,791	\$ 7,308	\$ 8,756	\$ 10,130	\$ 11,425	\$ 12,637	\$ 13,759
34	Interest Income Allocable to Wastewater System	US 0	0	0	0	0	0	0	0	0	0	0

Table 1-14
City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projection of Fund Cash Balances and Interest Income

Line No.	Description	[1]	Fiscal Year Ending September 30,											
			2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
CAPITAL REPLACEMENT AND IMPROVEMENT FUND - WASTEWATER														
35	Beginning Balance		\$ -											
36	Adjustment For Open Purchase Orders		-											
37	Adjusted Beginning Balance		\$ -	\$ -	\$ 172,419	\$ 340,138	\$ 501,522	\$ 656,603	\$ 804,965	\$ 946,173	\$ 1,079,759	\$ 1,205,238	\$ 1,322,094	
38	Transfers In		1,699,844	4,322,419	2,205,219	1,081,384	1,120,081	1,023,362	1,031,208	1,196,086	1,000,479	1,006,855	982,682	
39	Transfers Out - Capital Improvement Program		1,699,844	4,150,000	2,037,500	920,000	965,000	875,000	890,000	1,062,500	875,000	890,000	875,000	
40	Interest Rate	(S)	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	
41	Interest Income		0	862	2,563	4,208	5,791	7,308	8,756	10,130	11,425	12,637	13,759	
	Recognition of Interest Earnings in Revenue Requirements		0	862	2,563	4,208	5,791	7,308	8,756	10,130	11,425	12,637	13,759	
42	Ending Balance		\$0	\$172,419	\$340,138	\$501,522	\$656,603	\$804,965	\$946,173	\$1,079,759	\$1,205,238	\$1,322,094	\$1,429,776	
43	Percent Allocable to Water System		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44														
45	Interest Income Allocable to Water System	UW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
46	Interest Income Allocable to Wastewater System	US	-	862	2,563	4,208	5,791	7,308	8,756	10,130	11,425	12,637	13,759	
RENEWAL AND REPLACEMENT FUND														
47	Beginning Balance		\$ 1,325,682											
48	Adjustment For Open Purchase Orders		-											
49	Adjusted Beginning Balance		\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,372,986	\$ 1,438,936	\$ 1,507,820	\$ 1,579,750	\$ 1,654,860
50	Transfers In - Water		-	-	-	-	-	24,211	33,966	35,705	37,527	39,446	41,469	
51	Transfers In - Wastewater		-	-	-	-	-	23,093	31,984	33,180	34,403	35,664	36,966	
52	Interest Rate	(S)	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	
53	Interest Income		13,257	13,257	13,257	13,257	13,257	13,493	14,060	14,734	15,438	16,173	16,941	
	Recognition of Interest Earnings in Revenue Requirements		13,257	13,257	13,257	13,257	13,257	13,493	14,060	14,734	15,438	16,173	16,941	
54	Ending Balance		\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,372,986	\$ 1,438,936	\$ 1,507,820	\$ 1,579,750	\$ 1,654,860	\$ 1,733,295	
55	Percent Allocable to Water System		49.80%	50.33%	50.27%	50.57%	50.87%	51.18%	51.50%	51.83%	52.17%	52.52%	52.87%	
56														
57	Interest Income Allocable to Water System	UW	\$ 6,602	\$ 6,672	\$ 6,665	\$ 6,703	\$ 6,744	\$ 6,906	\$ 7,241	\$ 7,637	\$ 8,054	\$ 8,494	\$ 8,957	
58	Interest Income Allocable to Wastewater System	US	6,655	6,585	6,592	6,553	6,513	6,587	6,819	7,097	7,384	7,679	7,984	
CUSTOMER DEPOSITS														
59	Beginning Balance		\$ 97,189	\$ 97,189	\$ 97,189	\$ 97,189	\$ 97,189	\$ 97,189	\$ 97,189	\$ 97,189	\$ 97,189	\$ 97,189	\$ 97,189	
60	Transfers In		0	0	0	0	0	0	0	0	0	0	0	
61	Transfers Out		0	0	0	0	0	0	0	0	0	0	0	
62	Interest Rate		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
63	Interest Income		0	0	0	0	0	0	0	0	0	0	0	
	Recognition of Interest Earnings in Revenue Requirements		0	0	0	0	0	0	0	0	0	0	0	
64	Ending Balance		97,189	97,189	97,189	97,189	97,189	97,189	97,189	97,189	97,189	97,189	97,189	
65	Percent Allocable to Water System		56.38%	56.29%	56.20%	56.11%	56.03%	55.96%	55.88%	55.81%	55.75%	55.68%	55.62%	
66														
67	Interest Income Allocable to Water System	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
68	Interest Income Allocable to Wastewater System	RS	-	-	-	-	-	-	-	-	-	-	-	
SINKING FUND														
69	Sinking Fund Deposit		\$ 3,797,774	\$ 3,799,995	\$ 3,801,569	\$ 3,801,969	\$ 2,533,949	\$ 2,532,199	\$ 3,794,124	\$ 3,790,124	\$ 3,790,124	\$ 3,793,874	\$ 3,791,124	
70	Average Balance		949,443	949,999	950,392	950,492	633,487	633,050	948,531	947,531	947,531	948,469	947,781	
71	Interest Rate	(S)	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	
72	Interest Income		9,494	9,500	9,504	9,505	6,335	6,330	9,485	9,475	9,475	9,485	9,478	
	Recognition of Interest Earnings in Revenue Requirements		9,494	9,500	9,504	9,505	6,335	6,330	9,485	9,475	9,475	9,485	9,478	
73	Ending Balance		16.54%	16.54%	16.54%	16.54%	0.78%	0.78%	33.72%	33.76%	33.76%	33.73%	33.75%	
74	Percent Allocable to Water System													
75	Interest Income Allocable to Water System	UW	\$ 1,571	\$ 1,571	\$ 1,572	\$ 1,572	\$ 50	\$ 49	\$ 3,199	\$ 3,198	\$ 3,198	\$ 3,199	\$ 3,199	
76	Interest Income Allocable to Wastewater System	US	7,924	7,929	7,932	7,933	6,285	6,281	6,286	6,277	6,277	6,286	6,279	

Table 1-14
City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projection of Fund Cash Balances and Interest Income

Line No.	Description	[1]	Fiscal Year Ending September 30,									
			2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
RATE STABILIZATION FUND												
77	Beginning Balance		\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179
78	Transfers In (Water)		-	-	-	-	-	-	-	-	-	-
79	Transfers In (Wastewater)		-	-	-	-	-	-	-	-	-	-
80	Transfers Out (Water)		-	-	-	-	-	-	-	-	-	-
81	Transfers Out (Wastewater)		-	-	-	-	-	-	-	-	-	-
82	Interest Rate	(S)	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
83	Interest Income		16,612	16,612	16,612	16,612	16,612	16,612	16,612	16,612	16,612	16,612
84	Recognition of Interest Earnings in Revenue Requirements		16,612	16,612	16,612	16,612	16,612	16,612	16,612	16,612	16,612	16,612
85	Ending Balance		\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179	\$ 1,661,179
85	Percent Allocable to Water System		48.40%	48.40%	48.40%	48.40%	48.40%	48.40%	48.40%	48.40%	48.40%	48.40%
86	Interest Income Allocable to Water System	UW	\$ 8,040	\$ 8,040	\$ 8,040	\$ 8,040	\$ 8,040	\$ 8,040	\$ 8,040	\$ 8,040	\$ 8,040	\$ 8,040
86	Interest Income Allocable to Wastewater System	US	8,572	8,572	8,572	8,572	8,572	8,572	8,572	8,572	8,572	8,572
CONSTRUCTION FUND												
87	Balance as of September 30, 2018		\$ -	-	-	-	-	-	-	-	-	-
87	Adjustment For Open Purchase Orders		-	-	-	-	-	-	-	-	-	-
88	Adjusted Beginning Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000	\$ -	\$ -	\$ -
88	Transfers In		-	-	-	2,950,000	-	-	13,000,000	-	-	-
89	Transfers Out - Capital Improvement Program		-	-	-	2,950,000	-	-	5,000,000	8,000,000	-	-
89	Interest Rate	(C)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
90	Interest Income		-	-	-	-	-	-	-	-	-	-
91	Recognition of Interest Earnings in Revenue Requirements		-	-	-	-	-	-	-	-	-	-
91	Ending Balance		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000	\$ -	\$ -	\$ -
92	Percent Allocable to Water System		81.50%	81.50%	81.50%	81.50%	81.50%	81.50%	81.50%	81.50%	81.50%	81.50%
93	Interest Income Allocable to Water System	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
93	Interest Income Allocable to Wastewater System	RS	-	-	-	-	-	-	-	-	-	-
WATER CAPACITY FEE FUND												
94	Beginning Balance		\$ 7,874,108	-	-	-	-	-	-	-	-	-
94	Adjustment For Open Purchase Orders		-	-	-	-	-	-	-	-	-	-
95	Adjusted Beginning Balance		\$ 7,874,108	\$ 8,857,349	\$ 6,105,793	\$ 5,889,471	\$ 5,670,985	\$ 5,450,315	\$ 5,227,438	\$ 3,997,333	\$ 1,749,926	\$ 1,263,920
96	Transfers In		900,000	774,000	774,000	774,000	774,000	774,000	774,000	774,000	774,000	774,000
97	Transfers In - Grant Funding		-	-	-	-	-	-	-	-	-	-
98	Transfers Out - Capital Improvement Program		-	2,600,000	50,000	50,000	50,000	50,000	1,050,000	2,050,000	50,000	50,000
99	Transfers Out - Payment of City Debt Service		-	-	-	-	-	-	-	-	-	-
100	Transfers Out - Payment of Peace River Debt Service		-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,225,000	1,200,000
101	Transfers Out - Developer Reimbursement		-	-	-	-	-	-	-	-	-	-
102	Interest Rate	(S)	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
103	Interest Income		83,241	74,443	59,678	57,515	55,330	53,123	45,894	28,593	14,994	10,259
104	Recognition of Interest Earnings in Revenue Requirements		-	-	-	-	-	-	-	-	-	-
105	Ending Balance		\$ 8,857,349	\$ 6,105,793	\$ 5,889,471	\$ 5,670,985	\$ 5,450,315	\$ 5,227,438	\$ 3,997,333	\$ 1,749,926	\$ 1,263,920	\$ 798,180
106	Percent Allocable to Water System		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
107	Interest Income Allocable to Water System	RW	\$ 83,241	\$ 74,443	\$ 59,678	\$ 57,515	\$ 55,330	\$ 53,123	\$ 45,894	\$ 28,593	\$ 14,994	\$ 10,259
108	Interest Income Allocable to Wastewater System	RS	-	-	-	-	-	-	-	-	-	-

Table 1-14
City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projection of Fund Cash Balances and Interest Income

Line No.	Description	[1]	Fiscal Year Ending September 30,									
			2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
WASTEWATER CAPACITY FEE FUND												
109	Beginning Balance		\$ 8,734,767									
110	Adjustment For Open Purchase Orders		-									
111	Adjusted Beginning Balance		\$ 8,734,767	\$ 9,827,115	\$ 6,689,286	\$ 6,032,579	\$ 5,520,054	\$ 5,303,905	\$ 161,094	\$ 92,355	\$ 22,928	\$ 53,308
112	Transfers In		1,200,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000
113	Transfers Out - Capital Improvement Program		-	2,500,000	-	-	-	-	-	-	-	-
114	Transfers Out - Payment of City Debt Service		200,000	450,000	450,000	300,000	-	900,000	800,000	800,000	700,000	725,000
115	Transfers Out - Developer Reimbursement		-	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	-	-	-	-
116	Interest Rate	(S)	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
117	Interest Income		92,348	82,171	63,293	57,476	53,851	27,189	1,261	574	379	558
	Recognition of Interest Earnings in Revenue Requirements		-	-	-	-	-	-	-	-	-	-
118	Ending Balance		\$ 9,827,115	\$ 6,689,286	\$ 6,032,579	\$ 5,520,054	\$ 5,303,905	\$ 161,094	\$ 92,355	\$ 22,928	\$ 53,308	\$ 58,866
119	Percent Allocable to Water System		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
120	Percent Allocable to Wastewater System											
121	Interest Income Allocable to Water System	RW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
122	Interest Income Allocable to Wastewater System	RS	92,348	82,171	63,293	57,476	53,851	27,189	1,261	574	379	558
INTEREST INCOME												
Unrestricted												
123	Water System	UW	\$ 121,285	\$ 110,996	\$ 71,992	\$ 72,886	\$ 68,156	\$ 66,084	\$ 74,963	\$ 74,025	\$ 78,511	\$ 87,981
124	Wastewater System	US	135,177	122,439	75,986	75,985	74,685	71,808	76,605	74,908	78,372	86,332
125	Total		\$ 256,462	\$ 233,435	\$ 147,978	\$ 148,871	\$ 142,841	\$ 137,892	\$ 151,568	\$ 148,933	\$ 156,883	\$ 174,313
Restricted												
126	Water System	RW	\$ 83,241	\$ 74,443	\$ 59,678	\$ 57,515	\$ 55,330	\$ 53,123	\$ 45,894	\$ 28,593	\$ 14,994	\$ 10,259
127	Wastewater System	RS	92,348	82,171	63,293	57,476	53,851	27,189	1,261	574	379	558
128	Total		\$ 175,589	\$ 156,615	\$ 122,971	\$ 114,990	\$ 109,180	\$ 80,312	\$ 47,155	\$ 29,167	\$ 15,374	\$ 10,817
TOTAL INTEREST INCOME												
129	Water System		\$ 204,526	\$ 185,440	\$ 131,670	\$ 130,401	\$ 123,486	\$ 119,207	\$ 120,858	\$ 102,618	\$ 93,505	\$ 98,240
130	Wastewater System		227,524	204,610	139,279	133,460	128,536	98,998	77,866	75,482	78,751	86,890
131	Total		\$ 432,050	\$ 390,050	\$ 270,949	\$ 263,862	\$ 252,022	\$ 218,204	\$ 198,724	\$ 178,100	\$ 172,257	\$ 185,130

Footnotes:
[1] UW or US = Interest earnings unrestricted and assumed to be available to meet system expenditure requirements.
RW or RS = Interest earnings restricted and assumed to not be available to meet system expenditure requirements.

Table 1-15

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projected Other Operating Revenues

Line No.	Revenue Code	Description	Escalation Reference	Fiscal Year Ending September 30,										
				2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
WATER SYSTEM														
1	3020	Other Water Revenue	Constant	\$ 148,107	\$ 165,894	\$ 165,894	\$ 165,894	\$ 165,894	\$ 165,894	\$ 165,894	\$ 165,894	\$ 165,894	\$ 165,894	\$ 165,894
2	3025	Late and Return Check Charges	Constant	78,930	78,930	78,930	78,930	78,930	78,930	78,930	78,930	78,930	78,930	78,930
3	3030	Water Guaranteed Revenues	Constant	189,440	189,440	189,440	189,440	189,440	189,440	189,440	189,440	189,440	189,440	189,440
4	3031	Fire Protection	Constant	121,430	122,010	122,010	122,010	122,010	122,010	122,010	122,010	122,010	122,010	122,010
5	3035	Installation Fees	Constant	216,432	216,432	216,432	216,432	216,432	216,432	216,432	216,432	216,432	216,432	216,432
6	3045	Backflow Revenue	Constant	215,110	215,110	215,110	215,110	215,110	215,110	215,110	215,110	215,110	215,110	215,110
7	3050	Line Extension Charges	Constant	390,000	210,000	210,000	210,000	210,000	210,000	210,000	210,000	210,000	210,000	210,000
8	6001	Cost Recovery Income	Constant	153,440	175,440	175,440	175,440	175,440	175,440	175,440	175,440	175,440	175,440	175,440
9	3000CW	City Wide Fee Ordinances	Constant	6,250	34,897	34,897	34,897	34,897	34,897	34,897	34,897	34,897	34,897	34,897
10	5000	Inspection / Plan Review	Constant	162,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500
11	3000V	Violation Fees	Constant	50	50	50	50	50	50	50	50	50	50	50
12	9000	Other Miscellaneous Revenues	Constant	8,350	8,350	8,350	8,350	8,350	8,350	8,350	8,350	8,350	8,350	8,350
13		Total Other Water Operating Revenue		<u>\$ 1,690,038</u>	<u>\$ 1,529,053</u>									
WASTEWATER SYSTEM														
14	3020	Other Water Revenue	Constant	\$ 114,593	\$ 128,356	\$ 128,356	\$ 128,356	\$ 128,356	\$ 128,356	\$ 128,356	\$ 128,356	\$ 128,356	\$ 128,356	\$ 128,356
15	3025	Late and Return Check Charges	Constant	61,070	61,070	61,070	61,070	61,070	61,070	61,070	61,070	61,070	61,070	61,070
16	3035	Installation Fees	Constant	167,458	167,458	167,458	167,458	167,458	167,458	167,458	167,458	167,458	167,458	167,458
17	5020REUSE	Effluent Reuse	Constant	214,000	214,000	214,000	214,000	214,000	214,000	214,000	214,000	214,000	214,000	214,000
18	5020FM	Force Main Pressure Tests	Constant	300	300	300	300	300	300	300	300	300	300	300
19	5030	Wastewater Guaranteed Revenue	Constant	177,600	177,600	177,600	177,600	177,600	177,600	177,600	177,600	177,600	177,600	177,600
20	3000CW	City Wide Fee Ordinances	Constant	6,250	34,897	34,897	34,897	34,897	34,897	34,897	34,897	34,897	34,897	34,897
21	5000	Inspection / Plan Review	Constant	162,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500	112,500
22	3000V	Violation Fees	Constant	50	50	50	50	50	50	50	50	50	50	50
23	9000	Other Miscellaneous Revenues	Constant	8,350	8,350	8,350	8,350	8,350	8,350	8,350	8,350	8,350	8,350	8,350
24		Total Other Wastewater Operating Revenue		<u>\$ 912,172</u>	<u>\$ 904,581</u>									
25		Total Other Operating Revenue		<u>\$ 2,602,210</u>	<u>\$ 2,433,634</u>									

Table 1-16

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projected Operating Results and Debt Service Coverage

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
System Revenue												
User Rate Revenue												
1	Water User Rate Revenue	\$ 9,807,959	\$ 10,027,866	\$ 10,247,774	\$ 10,467,681	\$ 10,687,588	\$ 10,907,496	\$ 11,127,403	\$ 11,347,310	\$ 11,567,217	\$ 11,787,125	\$ 12,007,032
2	Wastewater User Rate Revenue	10,457,001	10,729,990	11,002,979	11,275,968	11,548,957	11,821,946	12,094,935	12,367,925	12,640,914	12,913,903	13,186,892
<u>Water System</u>												
3	Rate Adjustment (%)	0.00%	4.00%	4.00%	4.00%	4.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<u>Wastewater System</u>												
4	Rate Adjustment (%)	0.00%	2.00%	2.00%	2.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5	Cumulative Additional User Rate Adjustment Revenue - Water	\$ -	\$ 401,100	\$ 836,200	\$ 1,307,100	\$ 1,815,400	\$ 2,363,100	\$ 2,952,300	\$ 3,585,000	\$ 4,263,400	\$ 4,989,700	\$ 5,766,300
6	Cumulative Additional User Rate Adjustment Revenue - Wastewater	-	214,600	444,600	690,100	952,000	1,230,400	1,526,000	1,839,000	2,169,900	2,519,400	2,887,900
7	Total User Rate Revenue	\$ 20,264,960	\$ 21,373,557	\$ 22,531,553	\$ 23,740,849	\$ 25,003,946	\$ 26,322,942	\$ 27,700,638	\$ 29,139,235	\$ 30,641,431	\$ 32,210,127	\$ 33,848,124
8	Other Operating Revenue	\$ 2,602,210	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634	\$ 2,433,634
9	Bulk Water Revenue	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134
10	Unrestricted Interest Income	256,462	233,435	147,978	148,871	142,841	137,892	151,568	148,933	156,883	174,313	193,867
11	Transfers (To) / From Rate Stabilization Fund	-	-	-	-	-	-	-	-	-	-	-
12	Total System Revenue	\$ 23,145,766	\$ 24,062,760	\$ 25,135,299	\$ 26,345,489	\$ 27,602,555	\$ 28,916,602	\$ 30,307,975	\$ 31,743,936	\$ 33,254,082	\$ 34,840,208	\$ 36,497,759
Operating Expenses												
13	Administration / Customer Service	\$ 3,972,692	\$ 4,159,425	\$ 4,619,014	\$ 4,834,120	\$ 5,060,364	\$ 5,290,706	\$ 5,531,067	\$ 5,782,383	\$ 6,045,160	\$ 6,319,928	\$ 6,591,359
14	Water System	5,246,581	5,329,641	5,812,594	6,378,512	6,648,168	6,927,523	7,222,189	7,529,443	7,849,823	8,183,891	8,531,679
15	Wastewater System	1,747,466	2,240,260	2,355,230	2,474,001	2,599,885	2,729,985	2,866,231	3,009,046	3,158,741	3,315,640	3,480,237
16	Field Operations	4,383,610	4,892,810	5,082,007	5,343,515	5,768,969	5,983,843	6,205,673	6,436,258	6,675,958	6,925,145	7,185,034
17	Engineering	866,290	860,060	946,885	984,676	1,115,676	1,158,436	1,202,699	1,248,717	1,296,561	1,346,306	1,398,235
18	Total Operating Expenses	\$ 16,216,639	\$ 17,482,196	\$ 18,815,730	\$ 20,014,824	\$ 21,193,062	\$ 22,090,493	\$ 23,027,859	\$ 24,005,847	\$ 25,026,243	\$ 26,090,910	\$ 27,186,544
19	Operating Ratio	70%	73%	75%	76%	77%	76%	76%	76%	75%	75%	74%
20	Net Revenues Available for Debt Service	\$ 6,929,127	\$ 6,580,564	\$ 6,319,568	\$ 6,330,665	\$ 6,409,493	\$ 6,826,109	\$ 7,280,116	\$ 7,738,089	\$ 8,227,839	\$ 8,749,298	\$ 9,311,215
21	Special Assessment Proceeds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capacity Fees												
22	Water	\$ 900,000	\$ 774,000	\$ 774,000	\$ 774,000	\$ 774,000	\$ 774,000	\$ 774,000	\$ 774,000	\$ 774,000	\$ 774,000	\$ 774,000
23	Wastewater	1,200,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000
24	Total Capacity Fee Collections	\$ 2,100,000	\$ 1,504,000	\$ 1,504,000	\$ 1,504,000	\$ 1,504,000	\$ 1,504,000	\$ 1,504,000	\$ 1,504,000	\$ 1,504,000	\$ 1,504,000	\$ 1,504,000
25	Interest Income on Capacity Fee Balances	\$ 175,589	\$ 156,615	\$ 122,971	\$ 114,990	\$ 109,180	\$ 47,155	\$ 15,374	\$ 4,965	\$ -	\$ -	\$ -
26	Pledged Funds Available for Debt Service	\$ 9,204,715	\$ 8,241,179	\$ 7,946,539	\$ 7,949,655	\$ 8,022,674	\$ 8,377,264	\$ 8,799,490	\$ 9,247,054	\$ 9,731,839	\$ 10,253,298	\$ 10,815,215
Senior Lien Indebtedness												
27	Utility System Refunding Revenue Bonds, Series 2005 (Private Placement)	\$ 615,872	\$ 617,678	\$ 618,459	\$ 618,709	\$ 617,959	\$ 616,209	\$ 618,459	\$ 614,459	\$ 614,459	\$ 618,209	\$ 615,459
28	Utility System Refunding Revenue Bonds, Series 2014 (BB&T Refunding Note)	1,452,135	1,452,549	1,453,342	1,453,493	-	-	-	-	-	-	-
29	Additional Senior Lien Debt 1	-	-	-	-	-	-	1,259,675	1,259,675	1,259,675	1,259,675	1,259,675
30	Total Annual Debt Service on Senior Lien Indebtedness	\$ 2,068,006	\$ 2,070,227	\$ 2,071,801	\$ 2,072,202	\$ 617,959	\$ 616,209	\$ 1,878,135	\$ 1,874,135	\$ 1,874,135	\$ 1,877,885	\$ 1,875,135

Table 1-16

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projected Operating Results and Debt Service Coverage

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Junior Lien Indebtedness												
31	SRF Loan WW668010	\$ 1,559,657	\$ 1,559,657	\$ 1,559,657	\$ 1,559,657	\$ 1,559,657	\$ 1,559,657	\$ 1,559,657	\$ 1,559,657	\$ 1,559,657	\$ 1,559,657	\$ 1,559,657
32	SRF Loan WW580700	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626	141,626
33	SRF Loan WW580701	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485	28,485
34	Additional Junior Lien Debt 1	-	-	-	-	186,222	186,222	186,222	186,222	186,222	186,222	186,222
35	Total Annual Debt Service on Junior Lien Indebtedness	\$ 1,729,768	\$ 1,729,768	\$ 1,729,768	\$ 1,729,768	\$ 1,915,990	\$ 1,915,990	\$ 1,915,990	\$ 1,915,990	\$ 1,915,990	\$ 1,915,990	\$ 1,915,990
Required Transfers per Bond Ordinance												
36	Reserve Account	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
37	Transfer to Renewal and Replacement Fund	-	-	-	-	-	47,304	65,950	68,885	71,930	75,110	78,435
38	Repayments to Water and Wastewater Capacity Fee Funds	-	-	-	-	-	-	-	-	-	-	-
39	Payments on Subordinated Indebtedness	-	-	-	-	-	-	-	-	-	-	-
40	Total Required Transfers per Bond Ordinance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,304	\$ 65,950	\$ 68,885	\$ 71,930	\$ 75,110	\$ 78,435
SENIOR LIEN BONDS DEBT SERVICE COVERAGE:												
TEST (A): Net Revenues Debt Service Coverage												
41	Net Revenues Available for Debt Service	\$ 6,929,127	\$ 6,580,564	\$ 6,319,568	\$ 6,330,665	\$ 6,409,493	\$ 6,826,109	\$ 7,280,116	\$ 7,738,089	\$ 8,227,839	\$ 8,749,298	\$ 9,311,215
42	Total Annual Debt Service on Senior Lien Indebtedness	\$ 2,068,006	\$ 2,070,227	\$ 2,071,801	\$ 2,072,202	\$ 617,959	\$ 616,209	\$ 1,878,135	\$ 1,874,135	\$ 1,874,135	\$ 1,877,885	\$ 1,875,135
43	Debt Service Coverage (110% Required)	335%	318%	305%	306%	1037%	1108%	388%	413%	439%	466%	497%
AND												
44	Net Revenues Available for Debt Service	\$ 6,929,127	\$ 6,580,564	\$ 6,319,568	\$ 6,330,665	\$ 6,409,493	\$ 6,826,109	\$ 7,280,116	\$ 7,738,089	\$ 8,227,839	\$ 8,749,298	\$ 9,311,215
45	Less Total Required Transfers per Bond Ordinance	-	-	-	-	-	(47,304)	(65,950)	(68,885)	(71,930)	(75,110)	(78,435)
46	Net Revenues After Payment of Required Transfers	\$ 6,929,127	\$ 6,580,564	\$ 6,319,568	\$ 6,330,665	\$ 6,409,493	\$ 6,778,805	\$ 7,214,166	\$ 7,669,204	\$ 8,155,909	\$ 8,674,188	\$ 9,232,780
47	Total Annual Debt Service on Senior Lien Indebtedness	\$ 2,068,006	\$ 2,070,227	\$ 2,071,801	\$ 2,072,202	\$ 617,959	\$ 616,209	\$ 1,878,135	\$ 1,874,135	\$ 1,874,135	\$ 1,877,885	\$ 1,875,135
48	Debt Service Coverage (100% Required)	335%	318%	305%	306%	1037%	1100%	384%	409%	435%	462%	492%
OR												
TEST (B): Pledged Funds Debt Service Coverage												
49	Pledged Funds Available for Debt Service	\$ 9,204,715	\$ 8,241,179	\$ 7,946,539	\$ 7,949,655	\$ 8,022,674	\$ 8,377,264	\$ 8,799,490	\$ 9,247,054	\$ 9,731,839	\$ 10,253,298	\$ 10,815,215
50	Total Annual Debt Service on Senior Lien Indebtedness	\$ 2,068,006	\$ 2,070,227	\$ 2,071,801	\$ 2,072,202	\$ 617,959	\$ 616,209	\$ 1,878,135	\$ 1,874,135	\$ 1,874,135	\$ 1,877,885	\$ 1,875,135
51	Debt Service Coverage (115% Required)	445%	398%	384%	384%	1298%	1359%	469%	493%	519%	546%	577%
AND												
52	Pledged Funds Available for Debt Service	\$ 9,204,715	\$ 8,241,179	\$ 7,946,539	\$ 7,949,655	\$ 8,022,674	\$ 8,377,264	\$ 8,799,490	\$ 9,247,054	\$ 9,731,839	\$ 10,253,298	\$ 10,815,215
53	Less Total Required Transfers per Bond Ordinance	-	-	-	-	-	(47,304)	(65,950)	(68,885)	(71,930)	(75,110)	(78,435)
54	Net Pledged Revenues After Payment of Required Transfers	\$ 9,204,715	\$ 8,241,179	\$ 7,946,539	\$ 7,949,655	\$ 8,022,674	\$ 8,329,961	\$ 8,733,540	\$ 9,178,169	\$ 9,659,909	\$ 10,178,188	\$ 10,736,780
55	Total Annual Debt Service on Senior Lien Indebtedness	\$ 2,068,006	\$ 2,070,227	\$ 2,071,801	\$ 2,072,202	\$ 617,959	\$ 616,209	\$ 1,878,135	\$ 1,874,135	\$ 1,874,135	\$ 1,877,885	\$ 1,875,135
56	Debt Service Coverage (105% Required)	445%	398%	384%	384%	1298%	1352%	465%	490%	515%	542%	573%

Table 1-16

City of North Port, Florida
Utility Rate Analysis
Water and Wastewater System

Projected Operating Results and Debt Service Coverage

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
SRF LOAN DEBT SERVICE COVERAGE:												
SRF LOAN: Net Revenues Debt Service Coverage												
57	Net Revenues After Payment of Senior Lien Indebtedness	\$ 4,861,120	\$ 4,510,337	\$ 4,247,767	\$ 4,258,463	\$ 5,791,534	\$ 6,209,900	\$ 5,401,982	\$ 5,863,954	\$ 6,353,705	\$ 6,871,413	\$ 7,436,080
58	Less Allowance for Senior Lien Debt Service Coverage	(692,913)	(658,056)	(631,957)	(633,066)	(640,949)	(682,611)	(728,012)	(773,809)	(822,784)	(874,930)	(931,121)
59	Adjusted Net Revenues After Payment of Senior Lien Debt Service	\$ 4,168,208	\$ 3,852,281	\$ 3,615,810	\$ 3,625,397	\$ 5,150,585	\$ 5,527,289	\$ 4,673,970	\$ 5,090,145	\$ 5,530,921	\$ 5,996,483	\$ 6,504,959
60	Total Annual Debt Service on Junior Lien Indebtedness	\$ 1,729,768	\$ 1,729,768	\$ 1,729,768	\$ 1,729,768	\$ 1,915,990	\$ 1,915,990	\$ 1,915,990	\$ 1,915,990	\$ 1,915,990	\$ 1,915,990	\$ 1,915,990
61	Debt Service Coverage (115% Required)	241%	223%	209%	210%	269%	288%	244%	266%	289%	313%	340%
ALL-IN / OVERALL DEBT SERVICE COVERAGE:												
Net Revenues Debt Service Coverage												
62	Net Revenues Available for Debt Service	\$ 6,929,127	\$ 6,580,564	\$ 6,319,568	\$ 6,330,665	\$ 6,409,493	\$ 6,826,109	\$ 7,280,116	\$ 7,738,089	\$ 8,227,839	\$ 8,749,298	\$ 9,311,215
63	Senior and Junior Lien Indebtedness	\$ 3,797,774	\$ 3,799,995	\$ 3,801,569	\$ 3,801,969	\$ 2,533,949	\$ 2,532,199	\$ 3,794,124	\$ 3,790,124	\$ 3,790,124	\$ 3,793,874	\$ 3,791,124
64	Debt Service Coverage (150% Target)	182%	173%	166%	167%	253%	270%	192%	204%	217%	231%	246%
Pledged Funds Debt Service Coverage												
65	Pledged Funds Available for Debt Service	\$ 9,204,715	\$ 8,241,179	\$ 7,946,539	\$ 7,949,655	\$ 8,022,674	\$ 8,377,264	\$ 8,799,490	\$ 9,247,054	\$ 9,731,839	\$ 10,253,298	\$ 10,815,215
66	Senior and Junior Lien Indebtedness	\$ 3,797,774	\$ 3,799,995	\$ 3,801,569	\$ 3,801,969	\$ 2,533,949	\$ 2,532,199	\$ 3,794,124	\$ 3,790,124	\$ 3,790,124	\$ 3,793,874	\$ 3,791,124
67	Debt Service Coverage (200% Target)	242%	217%	209%	209%	317%	331%	232%	244%	257%	270%	285%
68	Net Revenues After Payment of Debt Service and Required Transfers - Available for Other System Purposes	\$ 3,131,353	\$ 2,780,569	\$ 2,518,000	\$ 2,528,696	\$ 3,875,544	\$ 4,246,606	\$ 3,420,042	\$ 3,879,079	\$ 4,365,785	\$ 4,880,313	\$ 5,441,655

Table 1-17

**City of North Port, Florida
Utility Rate Analysis**

Summary of Projected Sources and Uses of Funds

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
1	Unrestricted Cash Balances from Below	\$ 22,221,100	\$ 13,237,358	\$ 14,217,542	\$ 13,495,564	\$ 12,984,144	\$ 14,034,132	\$ 13,777,725	\$ 14,579,340	\$ 16,328,374	\$ 18,291,993	\$ 21,033,588
OPERATION AND MAINTENANCE FUND AND RATE STABILIZATION FUND												
<u>Sources of Funds</u>												
2	Water and Wastewater User Rate Revenue	\$ 20,264,960	\$ 21,373,557	\$ 22,531,553	\$ 23,740,849	\$ 25,003,946	\$ 26,322,942	\$ 27,700,638	\$ 29,139,235	\$ 30,641,431	\$ 32,210,127	\$ 33,848,124
3	Other Operating Revenue	2,602,210	2,433,634	2,433,634	2,433,634	2,433,634	2,433,634	2,433,634	2,433,634	2,433,634	2,433,634	2,433,634
4	Bulk Water Revenue	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134	22,134
5	Unrestricted Interest Income	256,462	233,435	147,978	148,871	142,841	137,892	151,568	148,933	156,883	174,313	193,867
6	Capacity Fees Used to Pay City Debt Service	200,000	450,000	450,000	300,000	-	900,000	800,000	800,000	700,000	725,000	725,000
7	Capacity Fees Used to Pay Peace River Debt Service	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,225,000	1,200,000	1,450,000
8	Grant Reimbursement	662,532	-	-	-	-	-	-	-	-	-	-
9	Available Cash Balances	23,371,031	20,895,418	11,566,838	11,326,972	11,166,838	10,345,256	11,051,216	10,446,443	10,912,001	12,338,147	13,992,945
10	Total Sources of Funds	\$ 47,379,329	\$ 46,408,178	\$ 38,152,137	\$ 38,972,460	\$ 39,769,393	\$ 41,161,859	\$ 43,159,191	\$ 43,990,379	\$ 46,091,084	\$ 49,103,355	\$ 52,665,704
<u>Uses of Funds</u>												
11	Operating Expenses:	\$ 16,216,639	\$ 17,482,196	\$ 18,815,730	\$ 20,014,824	\$ 21,193,062	\$ 22,090,493	\$ 23,027,859	\$ 24,005,847	\$ 25,026,243	\$ 26,090,910	\$ 27,186,544
12	City Debt Service	3,797,774	3,799,995	3,801,569	3,801,969	2,533,949	2,532,199	3,794,124	3,790,124	3,790,124	3,793,874	3,791,124
13	Capital Funded from Rates	2,202,570	1,505,198	2,002,647	2,052,713	2,104,031	2,154,528	2,204,082	2,254,776	2,306,636	2,359,688	2,416,321
14	Transfers to Capital Replacement Funds	4,266,928	12,053,952	2,205,219	1,936,116	3,593,095	3,286,119	3,620,733	2,958,745	2,558,004	2,790,827	2,752,538
15	Transfers to Renewal and Replacement Fund	-	-	-	-	-	47,304	65,950	68,885	71,930	75,110	78,435
16	Total Uses of Funds	\$ 26,483,911	\$ 34,841,340	\$ 26,825,165	\$ 27,805,622	\$ 29,424,137	\$ 30,110,643	\$ 32,712,748	\$ 33,078,377	\$ 33,752,937	\$ 35,110,409	\$ 36,224,962
17	Ending Cash Balances	\$ 20,895,418	\$ 11,566,838	\$ 11,326,972	\$ 11,166,838	\$ 10,345,256	\$ 11,051,216	\$ 10,446,443	\$ 10,912,001	\$ 12,338,147	\$ 13,992,945	\$ 16,440,742
18	Total Uses of Funds and Ending Cash Balances	\$ 47,379,329	\$ 46,408,178	\$ 38,152,137	\$ 38,972,460	\$ 39,769,393	\$ 41,161,859	\$ 43,159,191	\$ 43,990,379	\$ 46,091,084	\$ 49,103,355	\$ 52,665,704
RENEWAL AND REPLACEMENT FUND												
<u>Sources of Funds</u>												
19	Available Cash Balances	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,372,986	\$ 1,438,936	\$ 1,507,820	\$ 1,579,750	\$ 1,654,860
20	Transfers In - Operations	-	-	-	-	-	47,304	65,950	68,885	71,930	75,110	78,435
21	Interest Income	13,257	13,257	13,257	13,257	13,257	13,493	14,060	14,734	15,438	16,173	16,941
22	Total Sources of Funds	\$ 1,338,939	\$ 1,338,939	\$ 1,338,939	\$ 1,338,939	\$ 1,338,939	\$ 1,386,479	\$ 1,452,995	\$ 1,522,554	\$ 1,595,188	\$ 1,671,033	\$ 1,750,236
<u>Uses of Funds</u>												
23	Transfers Out	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Interest Income to Fund Operations	13,257	13,257	13,257	13,257	13,257	13,493	14,060	14,734	15,438	16,173	16,941
24	Total Uses of Funds	\$ 13,257	\$ 13,257	\$ 13,257	\$ 13,257	\$ 13,257	\$ 13,493	\$ 14,060	\$ 14,734	\$ 15,438	\$ 16,173	\$ 16,941
25	Ending Cash Balances	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,325,682	\$ 1,372,986	\$ 1,438,936	\$ 1,507,820	\$ 1,579,750	\$ 1,654,860	\$ 1,733,295
26	Total Uses of Funds and Ending Cash Balances	\$ 1,338,939	\$ 1,338,939	\$ 1,338,939	\$ 1,338,939	\$ 1,338,939	\$ 1,386,479	\$ 1,452,995	\$ 1,522,554	\$ 1,595,188	\$ 1,671,033	\$ 1,750,236

Table 1-17

City of North Port, Florida
Utility Rate Analysis

Summary of Projected Sources and Uses of Funds

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAPITAL REPLACEMENT AND IMPROVEMENT FUNDS (COMBINED WATER AND WASTEWATER)												
<u>Sources of Funds</u>												
27	Available Cash Balances	\$ -	\$ -	\$ 344,838	\$ 1,564,888	\$ 1,003,044	\$ 1,313,206	\$ 1,609,930	\$ 1,892,346	\$ 2,159,518	\$ 2,410,477	\$ 2,644,187
28	Transfers In - Operations	4,266,928	12,053,952	2,205,219	1,936,116	3,593,095	3,286,119	3,620,733	2,958,745	2,558,004	2,790,827	2,752,538
29	Transfers In - Peace River Project Savings	-	-	3,057,489	-	-	-	-	-	-	-	-
30	Interest Income	-	1,724	9,549	12,840	11,581	14,616	17,511	20,259	22,850	25,273	27,519
31	Total Sources of Funds	\$ 4,266,928	\$ 12,055,676	\$ 5,617,095	\$ 3,513,844	\$ 4,607,720	\$ 4,613,941	\$ 5,248,175	\$ 4,871,351	\$ 4,740,372	\$ 5,226,577	\$ 5,424,244
<u>Uses of Funds</u>												
32	Capital Projects	\$ 4,266,928	\$ 11,709,114	\$ 4,042,658	\$ 2,497,960	\$ 3,282,933	\$ 2,989,395	\$ 3,338,317	\$ 2,691,574	\$ 2,307,045	\$ 2,557,116	\$ 2,537,174
33	Interest Income to Fund Operations	-	1,724	9,549	12,840	11,581	14,616	17,511	20,259	22,850	25,273	27,519
34	Total Uses of Funds	\$ 4,266,928	\$ 11,710,838	\$ 4,052,207	\$ 2,510,800	\$ 3,294,514	\$ 3,004,011	\$ 3,355,828	\$ 2,711,833	\$ 2,329,895	\$ 2,582,389	\$ 2,564,693
35	Ending Cash Balances	\$ -	\$ 344,838	\$ 1,564,888	\$ 1,003,044	\$ 1,313,206	\$ 1,609,930	\$ 1,892,346	\$ 2,159,518	\$ 2,410,477	\$ 2,644,187	\$ 2,859,551
36	Total Uses of Funds and Ending Cash Balances	\$ 4,266,928	\$ 12,055,676	\$ 5,617,095	\$ 3,513,844	\$ 4,607,720	\$ 4,613,941	\$ 5,248,175	\$ 4,871,351	\$ 4,740,372	\$ 5,226,577	\$ 5,424,244
WATER CAPACITY FEE FUND												
<u>Sources of Funds</u>												
37	Available Cash Balances	\$ 7,874,108	\$ 8,857,349	\$ 6,105,793	\$ 5,889,471	\$ 5,670,985	\$ 5,450,315	\$ 5,227,438	\$ 3,997,333	\$ 1,749,926	\$ 1,263,920	\$ 798,180
38	Transfers In - Water Impact Fee Collections	900,000	774,000	774,000	774,000	774,000	774,000	774,000	774,000	774,000	774,000	774,000
39	Interest Income	83,241	74,443	59,678	57,515	55,330	53,123	45,894	28,593	14,994	10,259	4,352
40	Total Sources of Funds	\$ 8,857,349	\$ 9,705,793	\$ 6,939,471	\$ 6,720,985	\$ 6,500,315	\$ 6,277,438	\$ 6,047,333	\$ 4,799,926	\$ 2,538,920	\$ 2,048,180	\$ 1,576,531
<u>Uses of Funds</u>												
41	Capital Projects	\$ -	\$ 2,600,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 1,050,000	\$ 2,050,000	\$ 50,000	\$ 50,000	\$ 50,000
42	Payment of City Debt Service	-	-	-	-	-	-	-	-	-	-	-
43	Payment of Peace River Debt Service	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,225,000	1,200,000	1,450,000
44	Total Uses of Funds	\$ -	\$ 3,600,000	\$ 1,050,000	\$ 1,050,000	\$ 1,050,000	\$ 1,050,000	\$ 2,050,000	\$ 3,050,000	\$ 1,275,000	\$ 1,250,000	\$ 1,500,000
45	Ending Cash Balances	\$ 8,857,349	\$ 6,105,793	\$ 5,889,471	\$ 5,670,985	\$ 5,450,315	\$ 5,227,438	\$ 3,997,333	\$ 1,749,926	\$ 1,263,920	\$ 798,180	\$ 76,531
46	Total Uses of Funds and Ending Cash Balances	\$ 8,857,349	\$ 9,705,793	\$ 6,939,471	\$ 6,720,985	\$ 6,500,315	\$ 6,277,438	\$ 6,047,333	\$ 4,799,926	\$ 2,538,920	\$ 2,048,180	\$ 1,576,531

Table 1-17

City of North Port, Florida
Utility Rate Analysis

Summary of Projected Sources and Uses of Funds

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
WASTEWATER CAPACITY FEE FUND												
<u>Sources of Funds</u>												
47	Available Cash Balances	\$ 8,734,767	\$ 9,827,115	\$ 6,689,286	\$ 6,032,579	\$ 5,520,054	\$ 5,303,905	\$ 161,094	\$ 92,355	\$ 22,928	\$ 53,308	\$ 58,866
48	Transfers In - Wastewater Impact Fee Collections	1,200,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000	730,000
49	Interest Income	92,348	82,171	63,293	57,476	53,851	27,189	1,261	574	379	558	614
50	Total Sources of Funds	\$ 10,027,115	\$ 10,639,286	\$ 7,482,579	\$ 6,820,054	\$ 6,303,905	\$ 6,061,094	\$ 892,355	\$ 822,928	\$ 753,308	\$ 783,866	\$ 789,479
<u>Uses of Funds</u>												
51	Capital Projects	\$ -	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
52	Payment of Debt Service	200,000	450,000	450,000	300,000	-	900,000	800,000	800,000	700,000	725,000	725,000
53	Transfers Out - Developer Reimbursement	-	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	-	-	-	-	-
54	Total Uses of Funds	\$ 200,000	\$ 3,950,000	\$ 1,450,000	\$ 1,300,000	\$ 1,000,000	\$ 5,900,000	\$ 800,000	\$ 800,000	\$ 700,000	\$ 725,000	\$ 725,000
55	Ending Cash Balances	\$ 9,827,115	\$ 6,689,286	\$ 6,032,579	\$ 5,520,054	\$ 5,303,905	\$ 161,094	\$ 92,355	\$ 22,928	\$ 53,308	\$ 58,866	\$ 64,479
56	Total Uses of Funds and Ending Cash Balances	\$ 10,027,115	\$ 10,639,286	\$ 7,482,579	\$ 6,820,054	\$ 6,303,905	\$ 6,061,094	\$ 892,355	\$ 822,928	\$ 753,308	\$ 783,866	\$ 789,479



SECTION 2
User Rate Design

SECTION 2:

USER RATE DESIGN

2-1: User Rate Design - General

User rate design involves the calculation of monthly rates and charges for each customer classification (e.g., residential, commercial, etc.). As noted in the transmittal letter of this report, developing a financial and rate plan for the System involves multiple considerations:

- The financial and rate plan should consider utility best management practices and should promote financial sustainability and creditworthiness.
- The proposed monthly user rates should be considered equitable, affordable, and competitive.
- The proposed rate plan should not cause "rate shock" to customers. From a best financial management practices standpoint, smaller incremental increases over time can help avoid future rate shock and large "catch up" rate increases.
- The proposed rates should enable the utility to perform the necessary capital improvements and operational changes to remain compliant with the regulatory requirements of the Florida Department of Environment Protection and the Florida Department of Health.
- The proposed user rates should provide the System with an adequate level of revenue stability given the seasonality and cyclical nature of water sales and corresponding billable wastewater flow.
- The water user rate structure should encourage conservation of water resources consistent with the requirements of the utility's water consumptive use permit from the Southwest Florida Water Management District.

The City provided GovRates with detailed customer and sales information by customer classification and service type on a monthly basis over the past few years. The billing information was used to develop a bill frequency analysis for the water and wastewater system. This bill frequency analysis is used to develop a projection of detailed billing determinants for each customer class (i.e., water usage by rate block) which, along with the customer and sales forecast, provides the basis for estimating utility rate revenues and projecting the effects of proposed rate changes. A summary of the Fiscal Year 2018 bill frequency percentages under the existing rate blocks by customer class is shown in the following Exhibit 2-1:

Exhibit 2-1: Fiscal Year 2018 Percentages of Billed Consumption By Block (Bill Frequency Analysis)

Description	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6
INSIDE CITY						
Single Family Residential	78.5%	15.8%	3.1%	1.0%	0.5%	1.1%
Master-Metered Residential	71.0%	19.0%	5.5%	1.3%	0.6%	2.6%
Commercial	49.6%	22.1%	9.8%	5.3%	3.0%	10.1%
Irrigation-Single Family Residential	22.4%	15.2%	14.5%	14.5%	14.5%	18.8%
Irrigation-Commercial	21.5%	14.3%	8.6%	6.5%	4.1%	44.9%
OUTSIDE CITY						
Single Family Residential	94.1%	4.3%	0.7%	0.3%	0.2%	0.4%
Master-Metered Residential	65.1%	25.0%	9.7%	0.3%	0.0%	0.0%
Commercial	42.2%	19.6%	10.1%	6.7%	5.4%	16.1%
TOTAL SYSTEM						
All Classes	74.4%	16.0%	4.0%	1.6%	0.9%	3.1%

The above table shows the percentage of total consumption billed in each price block. For example, 78.5% of all usage of inside-City single family customers was billed at the lowest-priced tier.

2-2: Proposed Monthly Water User Rate Design

In accordance with the rate design guidelines, customer forecast, projected net revenue requirements, and discussions with City staff, GovRates developed the proposed water user rates shown in Table ES-1 of the executive summary of this report. The proposed Fiscal Year 2020 through 2022 water rates represent 4.0% uniform / across-the-board rate adjustments above the previous fiscal year rates. It is recommended that the City maintain the existing outside-City surcharge of 15% that is currently applied to the water and wastewater rates being charged to customers located outside the City limits. The outside-City surcharge is allowed by Florida Statutes, Chapter 180.191 (1), which states that:

"(1) Any municipality within the state operating a water or sewer utility outside of the boundaries of such municipality shall charge consumers outside the boundaries rates, fees, and charges determined in one of the following manners:

- (a) It may charge the same fees and charges as consumers inside the municipal boundaries. However, in addition thereto, the municipality may add a surcharge of not more than 25 percent of such rates, fees, and charges to consumers outside the boundaries.*
- (b) It may charge rates, fees, and charges that are just and equitable and which are based on the same factors used in fixing the rates, fees, and charges for consumers inside the municipal boundaries. In addition thereto, the municipality may add a surcharge not to exceed 25 percent of such rates, fees, and charges for said services to consumers outside the boundaries. However, the total of all such rates, fees, and charges for services to consumers outside the*

boundaries shall not be more than 50 percent in excess of the total amount the municipality charges consumers served within the municipality for corresponding service."

An outside-City surcharge is applied by many municipalities throughout Florida that provide water and wastewater service outside the corporate boundaries. Most of these municipalities charge a 25% surcharge instead of the 15% applied by the City of North Port.

2-3: Proposed Monthly Wastewater Rate Design

In accordance with the rate design guidelines, customer forecast, projected net revenue requirements, and discussions with City staff, GovRates developed the proposed wastewater rates shown in Table ES-2 of the executive summary of this report. The proposed Fiscal Year 2020 through 2022 wastewater rates represent 2.0% uniform / across-the-board rate adjustments above the previous fiscal year rates. As with the water system rates, the outside-City surcharge of 15.0% was maintained as allowable under Florida law. The wastewater billing maximum usage level or threshold for individually metered residential customers is recommended to be maintained at 12,000 gallons.

2-4: Single Family Residential Bill Comparison Under Proposed User Rates

As shown in the following Exhibit 2-2, under the proposed water and wastewater user rates, all users are affected approximately the same with respect to the overall percentage rate increase:

Exhibit 2-2: Single Family Residential Bill Comparison

Monthly Usage (gallons)	Existing Combined Rates Monthly Bill	Proposed Combined Rates - Fiscal Year 2020			
		Monthly Bill	Difference From Existing Rates		
			Monthly Bill	Amount	Percent
0	\$ 47.69	\$ 49.02	\$ 1.33	2.8%	
2,000	68.27	70.18	1.91	2.8%	
3,000 [*]	78.56	80.76	2.20	2.8%	
5,000	101.14	104.00	2.86	2.8%	
6,000	113.43	116.66	3.23	2.8%	
8,000	138.01	141.98	3.97	2.9%	
10,000	167.45	172.36	4.91	2.9%	
15,000	230.61	237.81	7.20	3.1%	
20,000	299.57	309.54	9.97	3.3%	

Monthly Usage (gallons)	Existing Combined Rates Monthly Bill	Proposed Combined Rates - Fiscal Year 2021			
		Monthly Bill	Difference From Fiscal Year 2020 Rates		
			Monthly Bill	Amount	Percent
0		\$ 50.39	\$ 1.37	2.8%	
2,000		72.15	1.97	2.8%	
3,000 [*]		83.03	2.27	2.8%	
5,000		106.95	2.95	2.8%	
6,000		119.99	3.33	2.9%	
8,000		146.07	4.09	2.9%	
10,000		177.41	5.05	2.9%	
15,000		245.23	7.42	3.1%	
20,000		319.83	10.29	3.3%	

Monthly Usage (gallons)	Existing Combined Rates Monthly Bill	Proposed Combined Rates - Fiscal Year 2022			
		Monthly Bill	Difference From Fiscal Year 2021 Rates		
			Monthly Bill	Amount	Percent
0		\$ 51.80	\$ 1.41	2.8%	
2,000		74.16	2.01	2.8%	
3,000 [*]		85.34	2.31	2.8%	
5,000		109.95	3.00	2.8%	
6,000		123.38	3.39	2.8%	
8,000		150.24	4.17	2.9%	
10,000		182.56	5.15	2.9%	
15,000		252.83	7.60	3.1%	
20,000		330.40	10.57	3.3%	

[*] Historical average monthly usage of a single family residential customer in the System.

2-5: Bill Comparisons – Neighboring Utilities

In order to provide the City with additional information regarding the current rates charged for service, a comparison of the City's existing and proposed rates for customers served by a 5/8-inch or 3/4-inch meter (representative of the single-family residential class and a large portion of the commercial class) with charges for similar service by twenty-five (25) neighboring utilities has been made. It should be noted that when making a comparison of the rates charged by other utilities for water and wastewater service, several factors have an effect on the level of rates charged. These factors may include, but are not limited to, the following:

1. Source of water supply and level of treatment required before the distribution of water to the ultimate customer, including how much of water supply is purchased from other utilities;
2. Plant capacity utilization, age and assistance in the funding of such plant capacity by federal grants, connection fees, etc.;
3. Overall size of the customer base (economies of scale) served as well as the type of customer served (certain customers may have higher usage requirements which may dampen per unit rates which is common for high commercial or industrialized customer bases for utilities);
4. Geographic density of the customer base (utilities with many high-density multifamily customers may have lower unit costs);
5. General fund and administrative fee transfers made by municipal and county systems which may account for differences in level of rates charged;
6. Bond covenants and funding requirements of the rates; and
7. Level of capital improvements required to meet service area needs, including the construction of growth-related assets in relation to service area expansion.

For the utilities included in the rate comparisons on Tables 2-1 through 2-3 at the end of this section, no analysis has been made of the above-mentioned factors as they relate to the reported water and wastewater rates currently being charged by the other utilities surveyed for the purposes of this analysis. However, the proposed water and wastewater rates of the City produce bills that are comparable with those of neighboring utilities.

Figures 2-1 to 2-3 at the end of this section show graphical comparisons of how bills under the proposed Fiscal Year 2020 rates compare with those of other "neighboring" utilities for a single family residential customer with a monthly usage of 3,000 gallons – the historical average monthly usage for a 5/8" or 3/4" meter customer in this class. As indicated in Figure 2-3, at the 3,000-gallon usage level, seven (7) utilities – the City of Fort Myers, Charlotte County, the City of Sanibel, Gasparilla Island Water Association, Inc., the

City of Venice, DeSoto County, and the City of Marco Island – currently charge more for combined water and wastewater service than what the City would charge under the Fiscal Year 2020 proposed rates. Moreover, it is important to note that the majority of the surveyed utilities are currently evaluating the sufficiency of their water and wastewater rates, or have already scheduled future rate adjustments. The proposed Fiscal Year 2020 rates for the City are lower than the existing rates of two of the three other current Peace River customers receiving service.

2-6: Wholesale or Bulk Water Rate

As mentioned previously, the City currently provides wholesale or bulk water service to Charlotte County, and there may exist an opportunity in the future to sell bulk water to other utility systems. Under the terms of the Interlocal Agreement, the City may charge the County a rate which is based on the actual costs of providing service. The bulk water rate designed by GovRates would be applicable to any entity which would qualify as a bulk customer.

For the purpose of designing the bulk water rate, the Fiscal Year 2020 served as the initial design year for revenue requirement and cost allocation purposes. The water-related net revenue requirements were allocated to the bulk or wholesale service function based on the estimated benefit to a purchaser of wholesale water for each line item. Costs that were directly related to providing service to the ultimate customer (retail) were not recognized in the development of the proposed wholesale service rates since there would not be an applicable benefit received.

The allocation of the water system net revenue requirements between the wholesale and retail classifications is included in Table 2-4 at the end of this section.

The water bulk rate was calculated at \$5.09 per 1,000 gallons as indicated in Table 2-4 and summarized in the following Exhibit 2-3:

Exhibit 2-3: Allocation of Water System Net Revenue Requirements to Bulk Service [*]

Description	Fiscal Year 2020	
	Water System Net Revenue Requirements	Amount Directly Allocated to Bulk Service
Water System Operating Expenses:		
Administration / Customer Service	\$ 2,077,996	\$ 60,803
Water System	5,329,641	5,329,641
Field Operations	2,613,984	254,726
Engineering	435,485	343,791
Total Water System Operating Expenses:	10,457,106	5,988,960
Debt Service	628,445	342,038
Other Revenue Requirements:		
Transfer to Capital Replacement and Improvement Fund	7,731,533	4,345,049
Capital Funded from Rates	368,330	206,998
Less Income and Funds from Other Sources		
Other Operating Revenue and Funding Sources	(2,551,187)	(175,440)
Unrestricted Interest Income	(110,996)	(58,867)
Surplus / (Deficiency), Allocation of Customer Service Expenses, and Allocation of Indirect Expenses	(6,094,265)	(3,750,290)
Total Cost	\$ 10,428,966	\$ 6,898,448
Projected Water Treated and Purchased in Fiscal Year 2020 (kgal)	1,355,604	1,355,604
Total Cost Per 1,000 Gallons	\$ 7.69	\$ 5.09
Percentage of Total Cost		66.1%

[*] Derived from Table 2-4.

As shown in the preceding table, the calculated bulk water rate is about 66% of the overall water system cost per 1,000 gallons. As a "rule of thumb," wholesale rates are typically 60% to 80% of the system-wide cost.

Based on discussions with City staff, GovRates recommends that the City increase the bulk water rate to \$5.09 per 1,000 gallons for the Fiscal Year 2020. This rate would apply for inside-City service. For customers located outside the City, a 15% surcharge is recommended to be applied the bulk water rate consistent with the outside-City surcharge applied to the Utility's retail customers located outside the City. Florida case law (e.g., *Mohme v. City of Cocoa* 328 So. 2d 422 1976) has supported the right of municipalities to charge up to a 25% outside-City surcharge to recognize the additional costs associated with providing service to customers outside City limits that can be difficult to quantify. With a 15% outside-City surcharge, the bulk water rate would still be within 60% to 80% of the overall water system cost per 1,000 gallons.

For subsequent fiscal years, GovRates recommends that the bulk water rates be increased based on the overall water system user rate adjustments. The proposed bulk water rates through the Fiscal Year 2022

are shown in Table ES-1 of this report. The proposed monthly wholesale / bulk user rates would apply unless alternative rates are established through a contract or agreement.

2-7: Reclaimed Water Rates

For several years, the City has been providing irrigation quality (IQ) or reclaimed water consisting of highly treated effluent from the North Port Wastewater Treatment Plant and has been charging \$0.55 per 1,000 gallons for this alternative water resource. Based on discussions with City staff, an analysis of the costs to provide service, and directives from the Southwest Florida Water Management District to expand the reclaimed water customer base, the \$0.55 per 1,000 gallons rate is recommended remain unchanged.

A new \$0.21 per 1,000 gallons bulk reclaimed water rate associated with the West Villages wastewater treatment plant has been developed, and the derivation is shown in Table 2-5 at the end of this section. The offsite reuse system will be owned, operated, and maintained by the West Villages Improvement District, not the City. The City will be responsible for the onsite system that includes the reclaimed / deep injection well pump, approximately 1,000 linear feet of reclaimed water main, and a meter installed at the property line, and the West Villages bulk reclaimed water rate recovers the costs associated with the City's responsibilities.

The proposed reclaimed water rates are considered competitive with those of other Florida utilities and should not discourage customers from connecting to the reclaimed water system.

**Table 2-1
City of North Port, Florida**

Comparison of Typical Monthly Residential Bills for Water Service

Line No.	Description	Residential Service for a 5/8" or 3/4" Meter [1]								
		WATER USAGE								
		0 Gallons	2,000 Gallons	3,000 Gallons [2]	5,000 Gallons	6,000 Gallons	8,000 Gallons	10,000 Gallons	15,000 Gallons	20,000 Gallons
City of North Port, Florida										
1	Existing Water Rates - Effective October 1, 2018	\$ 18.77	\$ 26.77	\$ 30.77	\$ 40.77	\$ 46.77	\$ 58.77	\$ 75.63	\$ 126.21	\$ 195.17
2	Proposed Water Rates - Effective October 1, 2019	19.52	27.84	32.00	42.40	48.64	61.12	78.66	131.27	203.00
3	Difference - Amount	0.75	1.07	1.23	1.63	1.87	2.35	3.03	5.06	7.83
4	Difference - Percent	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Other Florida Utilities:										
5	Bonita Springs Utilities, Inc. [3]	\$ 12.17	\$ 19.49	\$ 23.15	\$ 30.47	\$ 34.13	\$ 43.01	\$ 51.89	\$ 76.43	\$ 104.09
6	City of Bradenton [3]	15.04	19.76	22.12	29.70	33.49	41.07	48.65	67.60	86.55
7	City of Cape Coral	17.32	25.12	29.02	36.82	41.37	50.47	59.57	93.87	145.12
8	Charlotte County [3]	22.18	31.74	36.52	46.08	50.86	61.84	72.82	105.99	144.39
9	City of Clearwater [3]	22.29	22.29	22.29	40.35	49.38	67.44	87.85	144.75	201.65
10	Collier County [3]	22.41	28.55	31.62	37.76	42.40	51.68	60.96	91.76	122.56
11	DeSoto County	22.46	35.72	42.35	55.61	63.91	80.51	97.11	146.81	213.06
12	Englewood Water District [3]	17.57	21.75	23.84	28.02	30.11	35.69	46.81	85.74	142.51
13	City of Fort Myers [3][4]	9.33	19.39	24.42	34.48	44.54	64.66	84.78	155.18	225.58
14	Gasparilla Island Water Association, Inc. [3]	33.61	33.61	33.61	33.61	40.32	53.74	67.16	100.71	142.76
15	City of Gulfport [3]	15.68	15.68	23.52	41.26	51.19	71.05	90.91	145.71	205.76
16	Hillsborough County [3]	12.79	20.07	23.71	30.99	35.89	45.69	55.49	79.99	111.09
17	Lee County	12.59	19.13	22.40	28.94	32.21	40.39	48.57	71.48	99.29
18	Town of Longboat Key [3]	14.59	19.67	22.21	27.29	30.76	37.70	44.64	66.64	97.89
19	Manatee County [3]	9.45	14.01	16.29	20.85	23.13	28.83	34.53	48.78	82.98
20	City of Marco Island [3]	35.96	44.94	49.43	58.41	62.90	71.88	80.86	103.31	125.76
21	City of Naples [3]	8.29	11.15	12.58	15.44	16.87	20.27	25.29	37.84	55.74
22	Okeechobee Utility Authority [3]	20.01	28.45	32.67	45.35	51.69	64.37	77.05	108.75	140.45
23	City of Palmetto [3]	9.22	21.88	28.21	42.27	49.30	63.36	78.78	127.53	188.63
24	City of Pinellas Park [3]	21.54	21.54	21.54	35.90	43.08	57.44	72.66	112.76	156.66
25	City of Punta Gorda	15.96	22.56	25.86	32.46	36.27	43.89	51.51	75.06	98.61
26	City of St. Petersburg [3]	12.48	21.50	26.01	35.03	40.00	51.32	66.72	105.22	156.07
27	City of Sanibel [3]	13.00	19.60	22.90	29.50	33.45	41.35	49.25	72.25	98.50
28	City of Sarasota	16.72	23.48	26.86	34.22	38.20	46.16	57.30	93.46	135.16
29	Sarasota County	16.07	20.95	23.39	28.91	31.99	38.15	48.81	85.93	137.03
30	City of Venice [3]	24.73	33.95	41.06	55.28	64.16	81.92	99.68	155.13	210.58
31	Other Florida Utilities Average	\$ 17.44	\$ 23.69	\$ 27.21	\$ 35.96	\$ 41.22	\$ 52.07	\$ 63.83	\$ 98.41	\$ 139.56
32	Minimum	8.29	11.15	12.58	15.44	16.87	20.27	25.29	37.84	55.74
33	Maximum	35.96	44.94	49.43	58.41	64.16	81.92	99.68	155.18	225.58

Footnotes:

- [1] Amounts reflect bills under single family residential user rates in effect April 2019 and do not include any taxes, franchise fees, or water restriction surcharges, if any. These bills also reflect rates charged to customers within the municipal borders (e.g., no outside-municipality surcharges, if applied, are included in the bill comparison).
- [2] Reflects historical average usage of a typical single family residential customer with both water and wastewater service within the service area of the City of North Port utility system.
- [3] Utility is currently involved in a rate study, is planning to conduct a rate study, or plans to implement a rate revision or price index / pass-through adjustment within the next twelve months following the comparison preparation date.

**Table 2-2
City of North Port, Florida**

Comparison of Typical Monthly Residential Bills for Wastewater Service

Residential Service for a 5/8" or 3/4" Meter [1]										
Line No.	Description	WASTEWATER FLOW								
		0 Gallons	2,000 Gallons	3,000 Gallons [2]	5,000 Gallons	6,000 Gallons	8,000 Gallons	10,000 Gallons	15,000 Gallons	20,000 Gallons
City of North Port, Florida										
1	Existing Wastewater Rates - Effective October 1, 2018	\$ 28.92	\$ 41.50	\$ 47.79	\$ 60.37	\$ 66.66	\$ 79.24	\$ 91.82	\$ 104.40	\$ 104.40
2	Proposed Wastewater Rates - Effective October 1, 2019	29.50	42.34	48.76	61.60	68.02	80.86	93.70	106.54	106.54
3	Difference - Amount	0.58	0.84	0.97	1.23	1.36	1.62	1.88	2.14	2.14
4	Difference - Percent	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Other Florida Utilities:										
5	Bonita Springs Utilities, Inc. [3]	\$ 28.48	\$ 35.88	\$ 39.58	\$ 46.98	\$ 50.68	\$ 58.08	\$ 65.48	\$ 83.98	\$ 87.68
6	City of Bradenton [3]	22.22	26.26	28.28	37.24	41.72	50.68	59.64	82.04	104.44
7	City of Cape Coral	21.07	39.15	48.19	66.27	75.31	93.39	111.47	156.67	201.87
8	Charlotte County [3]	32.99	42.19	46.79	55.99	60.59	69.79	78.99	78.99	78.99
9	City of Clearwater [3]	30.66	30.66	30.66	51.10	61.32	81.76	102.20	153.30	204.40
10	Collier County [3]	34.24	43.88	48.70	58.34	63.16	72.80	82.44	106.54	106.54
11	DeSoto County	28.04	44.04	52.04	68.04	77.98	97.86	117.74	167.44	217.14
12	Englewood Water District [3]	25.56	32.06	35.31	41.81	45.06	51.56	58.06	74.31	90.56
13	City of Fort Myers [3][4]	16.12	43.96	57.88	85.72	99.64	127.48	155.32	224.92	294.52
14	Gasparilla Island Water Association, Inc. [3]	33.77	46.95	53.54	66.72	73.31	86.49	99.67	99.67	99.67
15	City of Gulfport [3]	21.32	21.32	31.98	54.42	66.18	89.70	113.22	174.97	239.52
16	Hillsborough County [3]	13.96	22.96	27.46	36.46	40.96	49.96	49.96	49.96	49.96
17	Lee County	20.45	32.15	38.00	49.70	55.55	67.25	73.10	73.10	73.10
18	Town of Longboat Key [3]	16.36	28.80	35.02	47.46	53.68	59.90	59.90	59.90	59.90
19	Manatee County [3]	22.54	32.60	37.63	47.69	52.72	62.78	72.84	72.84	72.84
20	City of Marco Island [3]	29.32	40.90	46.69	58.27	64.06	64.06	64.06	64.06	64.06
21	City of Naples [3]	20.76	28.82	32.85	40.91	44.94	53.00	61.06	61.06	61.06
22	Okeechobee Utility Authority [3]	22.36	36.28	43.24	57.16	64.12	78.04	91.96	126.76	161.56
23	City of Palmetto [3]	17.68	24.86	28.45	36.41	40.39	48.35	56.31	64.27	64.27
24	City of Pinellas Park [3]	27.54	27.54	27.54	45.90	55.08	73.44	91.80	137.70	183.60
25	City of Punta Gorda	28.39	31.69	33.34	36.64	38.29	41.59	44.89	44.89	44.89
26	City of St. Petersburg [3]	16.63	29.39	35.77	48.53	54.91	67.67	80.43	112.33	144.23
27	City of Sanibel [3]	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22	64.22
28	City of Sarasota	23.01	36.41	43.11	57.70	65.59	81.37	97.15	136.60	176.05
29	Sarasota County	14.89	29.97	37.51	52.59	60.13	75.21	90.29	90.29	90.29
30	City of Venice [3]	25.23	39.49	46.62	60.88	68.01	82.27	96.53	132.18	167.83
31	Other Florida Utilities Average	\$ 25.30	\$ 35.09	\$ 40.40	\$ 52.81	\$ 59.14	\$ 71.10	\$ 82.26	\$ 103.58	\$ 123.20
32	Minimum	13.96	21.32	27.46	36.41	38.29	41.59	44.89	44.89	44.89
33	Maximum	64.22	64.22	64.22	85.72	99.64	127.48	155.32	224.92	294.52

Footnotes:

- [1] Amounts reflect bills under single family residential user rates in effect April 2019 and do not include any taxes, franchise fees, or water restriction surcharges, if any. These bills also reflect rates charged to customers within the municipal borders (e.g., no outside-municipality surcharges, if applied, are included in the bill comparison).
- [2] Reflects historical average usage of a typical single family residential customer with both water and wastewater service within the service area of the City of North Port utility system.
- [3] Utility is currently involved in a rate study, is planning to conduct a rate study, or plans to implement a rate revision or price index / pass-through adjustment within the next twelve months following the comparison preparation date.

**Table 2-3
City of North Port, Florida**

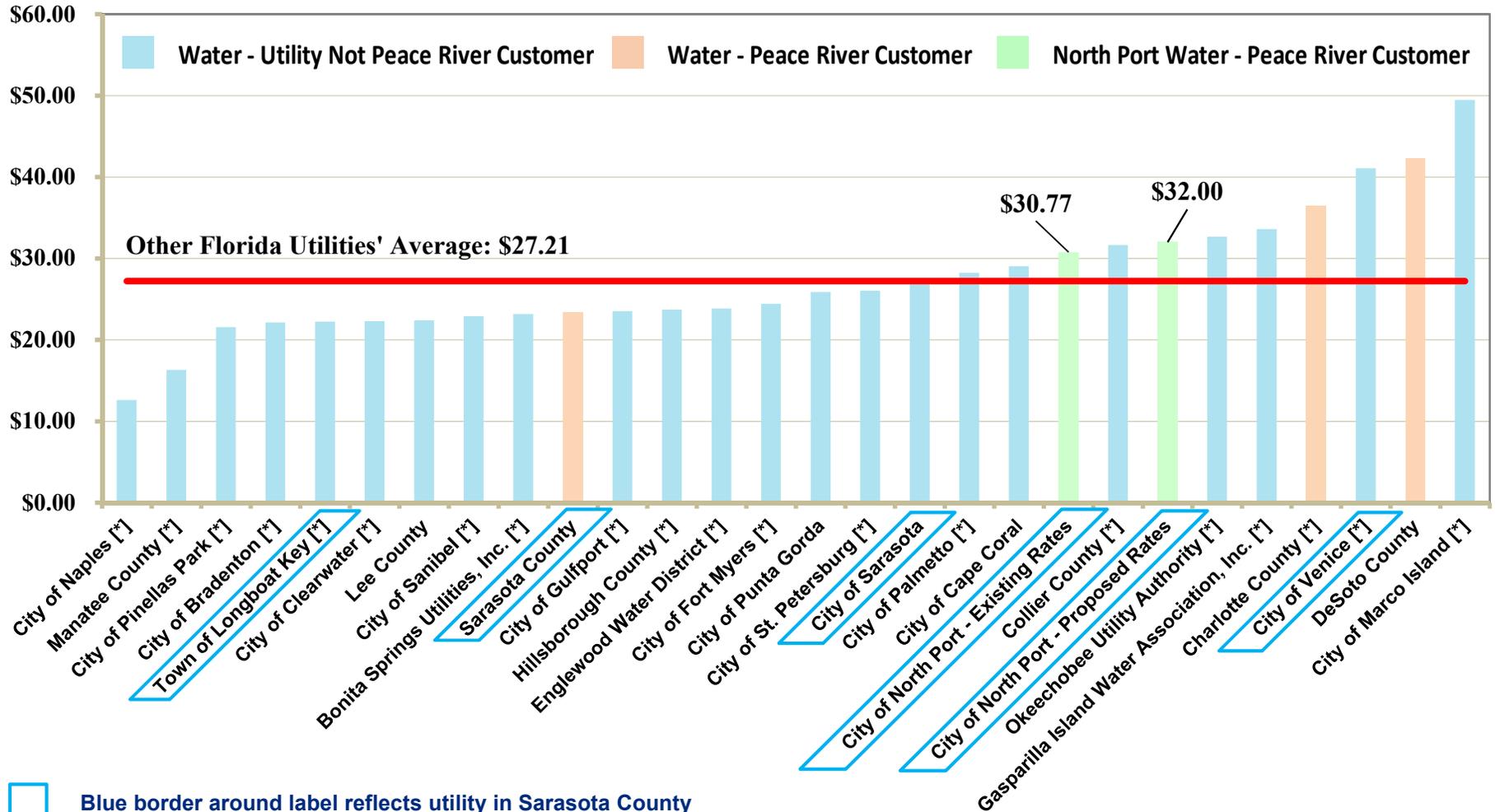
Comparison of Typical Monthly Residential Bills for Combined Water and Wastewater Service

		Residential Service for a 5/8" or 3/4" Meter [1]								
		COMBINED WATER AND WASTEWATER								
Line No.	Description	0 Gallons	2,000 Gallons	3,000 Gallons [2]	5,000 Gallons	6,000 Gallons	8,000 Gallons	10,000 Gallons	15,000 Gallons	20,000 Gallons
City of North Port, Florida										
1	Existing Combined Rates - Effective October 1, 2018	\$ 47.69	\$ 68.27	\$ 78.56	\$ 101.14	\$ 113.43	\$ 138.01	\$ 167.45	\$ 230.61	\$ 299.57
2	Proposed Combined Rates - Effective October 1, 2019	49.02	70.18	80.76	104.00	116.66	141.98	172.36	237.81	309.54
3	Difference - Amount	1.33	1.91	2.20	2.86	3.23	3.97	4.91	7.20	9.97
4	Difference - Percent	2.8%	2.8%	2.8%	2.8%	2.8%	2.9%	2.9%	3.1%	3.3%
Other Florida Utilities:										
5	Bonita Springs Utilities, Inc. [3]	\$ 40.65	\$ 55.37	\$ 62.73	\$ 77.45	\$ 84.81	\$ 101.09	\$ 117.37	\$ 160.41	\$ 191.77
6	City of Bradenton [3]	37.26	46.02	50.40	66.94	75.21	91.75	108.29	149.64	190.99
7	City of Cape Coral	38.39	64.27	77.21	103.09	116.68	143.86	171.04	250.54	346.99
8	Charlotte County [3]	55.17	73.93	83.31	102.07	111.45	131.63	151.81	184.98	223.38
9	City of Clearwater [3]	52.95	52.95	52.95	91.45	110.70	149.20	190.05	298.05	406.05
10	Collier County [3]	56.65	72.43	80.32	96.10	105.56	124.48	143.40	198.30	229.10
11	DeSoto County	50.50	79.76	94.39	123.65	141.89	178.37	214.85	314.25	430.20
12	Englewood Water District [3]	43.13	53.81	59.15	69.83	75.17	87.25	104.87	160.05	233.07
13	City of Fort Myers [3][4]	25.45	63.35	82.30	120.20	144.18	192.14	240.10	380.10	520.10
14	Gasparilla Island Water Association, Inc. [3]	67.38	80.56	87.15	100.33	113.63	140.23	166.83	200.38	242.43
15	City of Gulfport [3]	37.00	37.00	55.50	95.68	117.37	160.75	204.13	320.68	445.28
16	Hillsborough County [3]	26.75	43.03	51.17	67.45	76.85	95.65	105.45	129.95	161.05
17	Lee County	33.04	51.28	60.40	78.64	87.76	107.64	121.67	144.58	172.39
18	Town of Longboat Key [3]	30.95	48.47	57.23	74.75	84.44	97.60	104.54	126.54	157.79
19	Manatee County [3]	31.99	46.61	53.92	68.54	75.85	91.61	107.37	121.62	155.82
20	City of Marco Island [3]	65.28	85.84	96.12	116.68	126.96	135.94	144.92	167.37	189.82
21	City of Naples [3]	29.05	39.97	45.43	56.35	61.81	73.27	86.35	98.90	116.80
22	Okeechobee Utility Authority [3]	42.37	64.73	75.91	102.51	115.81	142.41	169.01	235.51	302.01
23	City of Palmetto [3]	26.90	46.74	56.66	78.68	89.69	111.71	135.09	191.80	252.90
24	City of Pinellas Park [3]	49.08	49.08	49.08	81.80	98.16	130.88	164.46	250.46	340.26
25	City of Punta Gorda	44.35	54.25	59.20	69.10	74.56	85.48	96.40	119.95	143.50
26	City of St. Petersburg [3]	29.11	50.89	61.78	83.56	94.91	118.99	147.15	217.55	300.30
27	City of Sanibel [3]	77.22	83.82	87.12	93.72	97.67	105.57	113.47	136.47	162.72
28	City of Sarasota	39.73	59.89	69.97	91.92	103.79	127.53	154.45	230.06	311.21
29	Sarasota County	30.96	50.92	60.90	81.50	92.12	113.36	139.10	176.22	227.32
30	City of Venice [3]	49.96	73.44	87.68	116.16	132.17	164.19	196.21	287.31	378.41
31	Other Florida Utilities Average	\$ 42.74	\$ 58.79	\$ 67.61	\$ 88.78	\$ 100.35	\$ 123.18	\$ 146.09	\$ 201.99	\$ 262.76
32	Minimum	25.45	37.00	45.43	56.35	61.81	73.27	86.35	98.90	116.80
33	Maximum	77.22	85.84	96.12	123.65	144.18	192.14	240.10	380.10	520.10

Footnotes:

- [1] Amounts reflect bills under single family residential user rates in effect April 2019 and do not include any taxes, franchise fees, or water restriction surcharges, if any. These bills also reflect rates charged to customers within the municipal borders (e.g., no outside-municipality surcharges, if applied, are included in the bill comparison).
- [2] Reflects historical average usage of a typical single family residential customer with both water and wastewater service within the service area of the City of North Port utility system.
- [3] Utility is currently involved in a rate study, is planning to conduct a rate study, or plans to implement a rate revision or price index / pass-through adjustment within the next twelve months following the comparison preparation date.

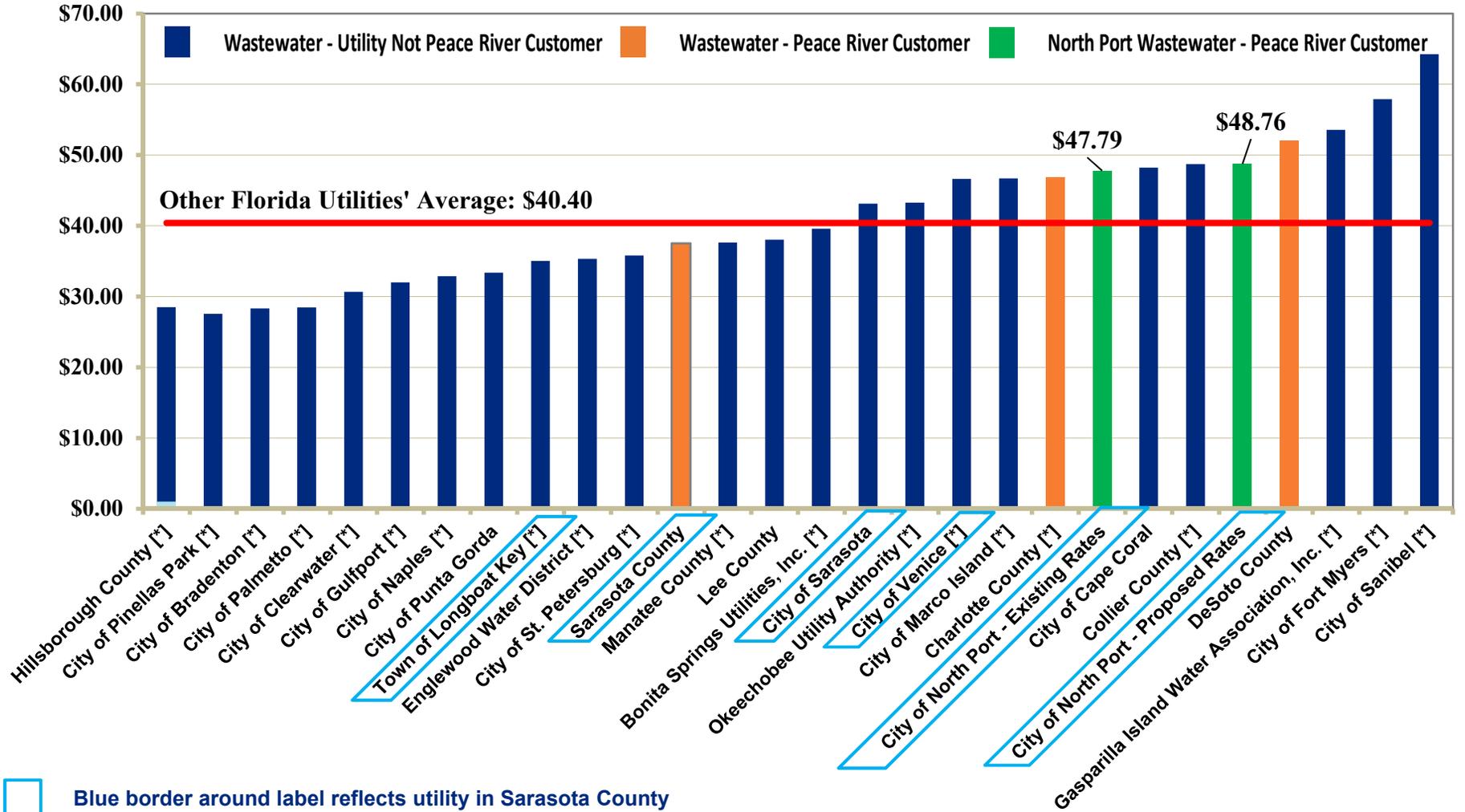
Figure 2-1
City of North Port, Florida
Comparison of
Monthly Charges for Water Service for
Single Family Residential Customers Using 3,000 Gallons



Blue border around label reflects utility in Sarasota County

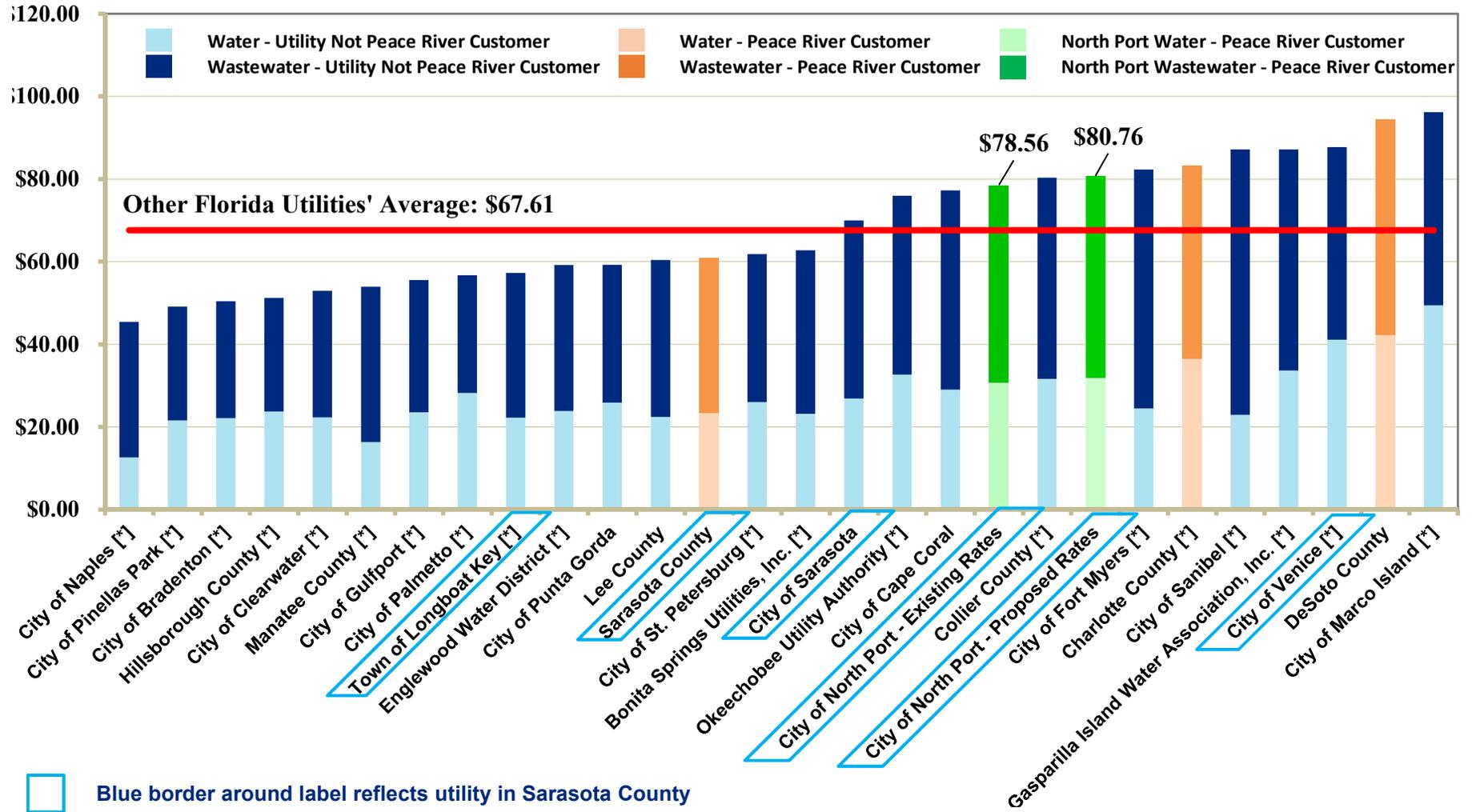
[*] Utility is currently involved in a rate study, is planning to conduct a rate study, or plans to implement a rate revision or price index / pass through adjustment within the next twelve months following the comparison preparation date

Figure 2-2
City of North Port, Florida
Comparison of
Monthly Charges for Wastewater Service for
Single Family Residential Customers Using 3,000 Gallons



Blue border around label reflects utility in Sarasota County
 [*] Utility is currently involved in a rate study, is planning to conduct a rate study, or plans to implement a rate revision or price index / pass-through adjustment within the next twelve months following the comparison preparation date

Figure 2-3
City of North Port, Florida
Comparison of Monthly Charges for
Combined Water and Wastewater Service for
Single Family Residential Customers Using 3,000 Gallons



Blue border around label reflects utility in Sarasota County

[*] Utility is currently involved in a rate study, is planning to conduct a rate study, or plans to implement a rate revision or price index / pas through adjustment within the next twelve months following the comparison preparation date

Table 2-4

City of North Port, Florida
Utility Rate Analysis
Water System

Allocation of Water System Revenue Requirements to Wholesale or Bulk Service

Line No.	Division Code	Expense Code	Description	Fiscal Year 2020		Allocation Amount				Total
				Net Revenue Requirements	Allocation Reference	Bulk / Retail	Retail Only	Indirect Costs	Customer Service	
OPERATING EXPENSES										
Administration / Customer Service										
1	6060	1100	Executive Salaries	\$ 73,968	Indirect	\$ -	\$ -	\$ 73,968	\$ -	\$ 73,968
2	6060	1200	Regular Salaries	462,574	AdminSalaries	-	-	233,594	228,979	462,574
3	6060	1400	Overtime	278	DirRetail	-	278	-	-	278
4	6060	2100	FICA	39,454	AdminSalaries	-	-	19,924	19,530	39,454
5	6060	2201	Florida Retirement System	51,542	AdminSalaries	-	-	26,028	25,514	51,542
6	6060	2300	Insurance - Health	91,041	AdminSalaries	-	-	45,975	45,066	91,041
7	6060	2302	Vision Care	448	AdminSalaries	-	-	226	222	448
8	6060	2304	Dental, Life, and Disability	6,865	AdminSalaries	-	-	3,467	3,398	6,865
9	6060	2400	Workers' Compensation	260	AdminSalaries	-	-	131	129	260
10	6060	2700	Educational Assistance	1,383	AdminSalaries	-	-	698	685	1,383
11	6060	AddPers	Additional Personnel	-	DirRetail	-	-	-	-	-
12	6060	3105	Other Professional Services	8,880	DirRetail	-	8,880	-	-	8,880
13	6060	3200	Accounting and Auditing	1,383	OpExp	792	486	58	47	1,383
14	6060	4000	Travel and Per Diem	8,348	DirRetail	-	8,348	-	-	8,348
15	6060	4100	Communication Services	8,564	Accounts	0	8,563	-	-	8,564
16	6060	4200	Postage and Mailing	65,019	Accounts	3	65,016	-	-	65,019
17	6060	4301	Water and Sewer	238	AdminSalaries	-	-	120	118	238
18	6060	4302	Electric	3,358	AdminSalaries	-	-	1,696	1,662	3,358
19	6060	4400	Rentals and Leases	20,563	AdminSalaries	-	-	10,384	10,179	20,563
20	6060	4500	Insurance	100,082	WAssetsNoPR	56,245	43,837	-	-	100,082
21	6060	4601	Repairs and Maintenance / Office Equipment	25,184	AdminSalaries	-	-	12,718	12,467	25,184
22	6060	4611	Repairs and Maintenance/Special Equipment	282	AdminSalaries	-	-	142	140	282
23	6060	4650	Fleet - Administration	952	AdminSalaries	-	-	481	471	952
24	6060	4651	Fleet - Labor	774	AdminSalaries	-	-	391	383	774
25	6060	4652	Fleet - Parts	692	AdminSalaries	-	-	349	342	692
26	6060	4700	Printing and Binding	8,682	Accounts	0	8,682	-	-	8,682
27	6060	4800	Promotional Activities	7,160	DirRetail	-	7,160	-	-	7,160
28	6060	4901	Bank and Transaction Fees	49,657	DirRetail	-	49,657	-	-	49,657
29	6060	4902	Cash Over and Short	97	DirRetail	-	97	-	-	97
30	6060	4912	Ads and Legal Notices	50	DirRetail	-	50	-	-	50
31	6060	4914	Licenses / Fees / Permits	6,694	WAssetsNoPR	3,762	2,932	-	-	6,694
32	6060	4930	Tax Collector Fees	183	DirRetail	-	183	-	-	183
33	6060	4950	Customer Deposit Interest	620	DirRetail	-	620	-	-	620
34	6060	4969	Food	100	DirRetail	-	100	-	-	100
35	6060	4970	Payment to General Fund	803,478	DirRetail	-	803,478	-	-	803,478
36	6060	4972	Payments to Solid Waste Department	7,260	DirRetail	-	7,260	-	-	7,260
37	6060	4975	Return on Investment	175,312	DirRetail	-	175,312	-	-	175,312
38	6060	4990	Bad Debt Expense	25,861	DirRetail	-	25,861	-	-	25,861
39	6060	5100	Office Supplies	2,213	Accounts	0	2,213	-	-	2,213
40	6060	5201	Other Operating Supplies	50	DirRetail	-	50	-	-	50
41	6060	5202	Fuel	1,173	Accounts	0	1,173	-	-	1,173
42	6060	5207	Uniforms	631	Accounts	0	631	-	-	631
43	6060	5250	Minor Operating Equipment	4,260	Accounts	0	4,259	-	-	4,260
44	6060	5400	Books / Subscriptions / Memberships	1,267	AdminSalaries	-	-	640	627	1,267
45	6060	5500	Training and Education	11,119	AdminSalaries	-	-	5,615	5,504	11,119
46			Total Administration / Customer Service	\$ 2,077,996		\$ 60,803	\$ 1,225,124	\$ 436,605	\$ 355,463	\$ 2,077,996
Water System										
47	6061	1200	Regular Salaries	\$ 562,510	Bulk/Retail	\$ 562,510	\$ -	\$ -	\$ -	\$ 562,510
48	6061	1400	Overtime	38,830	Bulk/Retail	38,830	-	-	-	38,830
49	6061	1508	Clothing / Cleaning Allowance	1,440	Bulk/Retail	1,440	-	-	-	1,440
50	6061	2100	FICA	43,680	Bulk/Retail	43,680	-	-	-	43,680
51	6061	2201	Florida Retirement System	55,420	Bulk/Retail	55,420	-	-	-	55,420
52	6061	2300	Insurance - Health	96,660	Bulk/Retail	96,660	-	-	-	96,660
53	6061	2302	Vision Care	800	Bulk/Retail	800	-	-	-	800
54	6061	2304	Dental, Life, and Disability	8,820	Bulk/Retail	8,820	-	-	-	8,820
55	6061	2400	Workers' Compensation	2,380	Bulk/Retail	2,380	-	-	-	2,380
56	6061	3103	Engineer/Architect	9,000	Bulk/Retail	9,000	-	-	-	9,000
57	6061	3104	Medical Services	160	Bulk/Retail	160	-	-	-	160
58	6061	3105	Other Professional Services	415,970	Bulk/Retail	415,970	-	-	-	415,970
59	6061	4000	Travel and Per Diem	5,330	Bulk/Retail	5,330	-	-	-	5,330
60	6061	4100	Communication Services	14,060	Bulk/Retail	14,060	-	-	-	14,060
61	6061	4200	Postage and Mailing	520	Bulk/Retail	520	-	-	-	520
62	6061	4302	Electric	254,000	Bulk/Retail	254,000	-	-	-	254,000
63	6061	4312	Hillsborough (Electricity for Hillsborough Booster Station)	107,200	Bulk/Retail	107,200	-	-	-	107,200
64	6061	4390PR	Peace River Water Supply Authority	2,782,571	Bulk/Retail	2,782,571	-	-	-	2,782,571
65	6061	4601	Repairs and Maintenance / Office Equipment	21,510	Bulk/Retail	21,510	-	-	-	21,510
66	6061	4604	Repairs and Maintenance / Buildings	4,120	Bulk/Retail	4,120	-	-	-	4,120
67	6061	4609	Repairs and Maintenance / Landscaping	29,400	Bulk/Retail	29,400	-	-	-	29,400
68	6061	4611	Repairs and Maintenance/Special Equipment	312,300	Bulk/Retail	312,300	-	-	-	312,300
69	6061	4650	Fleet - Administration	3,360	Bulk/Retail	3,360	-	-	-	3,360
70	6061	4651	Fleet - Labor	2,100	Bulk/Retail	2,100	-	-	-	2,100
71	6061	4652	Fleet - Parts	2,800	Bulk/Retail	2,800	-	-	-	2,800
72	6061	4653	Fleet - Outsourced	150	Bulk/Retail	150	-	-	-	150
73	6061	4700	Printing and Binding	350	Bulk/Retail	350	-	-	-	350
74	6061	4905	Equipment Inspections and Testing	400	Bulk/Retail	400	-	-	-	400
75	6061	4912	Ads and Legal Notices	100	Bulk/Retail	100	-	-	-	100
76	6061	4914	Licenses / Fees / Permits	5,200	Bulk/Retail	5,200	-	-	-	5,200
77	6061	5100	Office Supplies	500	Bulk/Retail	500	-	-	-	500
78	6061	5201	Other Operating Supplies	35,700	Bulk/Retail	35,700	-	-	-	35,700
79	6061	5202	Fuel	2,000	Bulk/Retail	2,000	-	-	-	2,000
80	6061	5204	Diesel Fuel	20,970	Bulk/Retail	20,970	-	-	-	20,970
81	6061	5205	Chemicals	421,000	Bulk/Retail	421,000	-	-	-	421,000
82	6061	5207	Uniforms	1,760	Bulk/Retail	1,760	-	-	-	1,760
83	6061	5250	Minor Operating Equipment	53,830	Bulk/Retail	53,830	-	-	-	53,830

Table 2-4

**City of North Port, Florida
Utility Rate Analysis
Water System**

Allocation of Water System Revenue Requirements to Wholesale or Bulk Service

Line No.	Division Code	Expense Code	Description	Fiscal Year 2020		Allocation Amount				Total
				Net Revenue Requirements	Allocation Reference	Bulk / Retail	Retail Only	Indirect Costs	Customer Service	
84	6061	5400	Books / Subscriptions / Memberships	1,520	Bulk/Retail	1,520	-	-	-	1,520
85	6061	5500	Training and Education	11,220	Bulk/Retail	11,220	-	-	-	11,220
86			Total Water System	\$ 5,329,641		\$ 5,329,641	\$ -	\$ -	\$ -	\$ 5,329,641
			Field Operations							
87	6063	1200	Regular Salaries	\$ 953,890	WeightLF	\$ 123,703	\$ 830,187	\$ -	\$ -	\$ 953,890
88	6063	1300	Other Salaries and Wages	39,475	WeightLF	5,119	34,355	-	-	39,475
89	6063	1400	Overtime	77,247	WeightLF	10,018	67,230	-	-	77,247
90	6063	2100	FICA	74,675	WeightLF	9,684	64,991	-	-	74,675
91	6063	2201	Florida Retirement System	87,337	WeightLF	11,326	76,011	-	-	87,337
92	6063	2300	Insurance - Health	209,239	WeightLF	27,135	182,104	-	-	209,239
93	6063	2302	Vision Care	1,211	WeightLF	157	1,054	-	-	1,211
94	6063	2304	Dental, Life, and Disability	14,981	WeightLF	1,943	13,038	-	-	14,981
95	6063	2400	Workers' Compensation	3,525	WeightLF	457	3,068	-	-	3,525
96	6063	3104	Medical Services	1,471	WeightLF	191	1,280	-	-	1,471
97	6063	3105	Other Professional Services	7,606	WeightLF	986	6,620	-	-	7,606
98	6063	3105BP	Other Professional Services - Backflow Preventor Program	185,000	DirRetail	-	185,000	-	-	185,000
99	6063	4000	Travel and Per Diem	3,807	WeightLF	494	3,314	-	-	3,807
100	6063	4100	Communication Services	17,599	WeightLF	2,282	15,317	-	-	17,599
101	6063	4200	Postage and Mailing	10,325	WeightLF	1,339	8,986	-	-	10,325
102	6063	4301	Water and Sewer	225	WeightLF	29	196	-	-	225
103	6063	4400	Rentals and Leases	2,633	WeightLF	341	2,291	-	-	2,633
104	6063	4601	Repairs and Maintenance / Office Equipment	280	WeightLF	36	244	-	-	280
105	6063	4602	Repairs and Maintenance / Communication Equipment	1,112	WeightLF	144	967	-	-	1,112
106	6063	4604	Repairs and Maintenance / Buildings	234	WeightLF	30	204	-	-	234
107	6063	4611	Repairs and Maintenance/Special Equipment	18,476	WeightLF	2,396	16,080	-	-	18,476
108	6063	4650	Fleet - Administration	73,309	WeightLF	9,507	63,802	-	-	73,309
109	6063	4651	Fleet - Labor	33,992	WeightLF	4,408	29,584	-	-	33,992
110	6063	4652	Fleet - Parts	40,223	WeightLF	5,216	35,007	-	-	40,223
111	6063	4660	Repairs and Maintenance / Collection	-	DirRetail	-	-	-	-	-
112	6063	4661	Repairs and Maintenance / Distribution	103,000	WeightLF	13,357	89,643	-	-	103,000
113	6063	4664	Repairs and Maintenance / Hydrants	15,000	DirRetail	-	15,000	-	-	15,000
114	6063	4700	Printing and Binding	1,500	WeightLF	195	1,305	-	-	1,500
115	6063	4914	Licenses / Fees / Permits	1,387	WeightLF	180	1,207	-	-	1,387
116	6063	5100	Office Supplies	500	WeightLF	65	435	-	-	500
117	6063	5201	Other Operating Supplies	17,552	WeightLF	2,276	15,276	-	-	17,552
118	6063	5202	Fuel	76,562	WeightLF	9,929	66,633	-	-	76,562
119	6063	5207	Uniforms	7,268	WeightLF	943	6,326	-	-	7,268
120	6063	5250	Minor Operating Equipment	45,571	WeightLF	5,910	39,661	-	-	45,571
121	6063	5261	Distribution Supplies	14,000	DirRetail	-	14,000	-	-	14,000
122	6063	5262	Meters	409,560	DirRetail	-	409,560	-	-	409,560
123	6063	5263	New Installation Supplies	15,000	DirRetail	-	15,000	-	-	15,000
124	6063	5264	Hydrants and Parts	11,200	DirRetail	-	11,200	-	-	11,200
125	6063	5400	Books / Subscriptions / Memberships	535	WeightLF	69	466	-	-	535
126	6063	5500	Training and Education	5,300	WeightLF	687	4,613	-	-	5,300
127			Total Field Operations	\$ 2,613,984		254,726	2,359,259	-	-	2,613,984
			Engineering							
128	6065	1200	Regular Salaries	\$ 268,897	Capital	212,278	56,618	-	-	268,897
129	6065	1400	Overtime	15,356	Capital	12,123	3,233	-	-	15,356
130	6065	2100	FICA	20,870	Capital	16,476	4,394	-	-	20,870
131	6065	2201	Florida Retirement System	24,079	Capital	19,009	5,070	-	-	24,079
132	6065	2300	Insurance - Health	41,943	Capital	33,112	8,831	-	-	41,943
133	6065	2302	Vision Care	270	Capital	213	57	-	-	270
134	6065	2304	Dental, Life, and Disability	3,240	Capital	2,558	682	-	-	3,240
135	6065	2400	Workers' Compensation	422	Capital	333	89	-	-	422
136	6065	3104	Medical Services	89	Capital	70	19	-	-	89
137	6065	3105	Other Professional Services	28,594	Capital	22,573	6,021	-	-	28,594
138	6065	4000	Travel and Per Diem	4,019	Capital	3,173	846	-	-	4,019
139	6065	4100	Communication Services	2,265	Capital	1,788	477	-	-	2,265
140	6065	4200	Postage and Mailing	49	Capital	39	10	-	-	49
141	6065	4601	Repairs and Maintenance / Office Equipment	492	Capital	389	104	-	-	492
142	6065	4611	Repairs and Maintenance/Special Equipment	492	Capital	389	104	-	-	492
143	6065	4650	Fleet - Administration	1,798	Capital	1,419	378	-	-	1,798
144	6065	4651	Fleet - Labor	4,206	Capital	3,320	886	-	-	4,206
145	6065	4652	Fleet - Parts	1,226	Capital	968	258	-	-	1,226
146	6065	4653	Fleet - Outsourced	74	Capital	58	16	-	-	74
147	6065	4700	Printing and Binding	49	Capital	39	10	-	-	49
148	6065	4914	Licenses / Fees / Permits	2,674	Capital	2,111	563	-	-	2,674
149	6065	5100	Office Supplies	266	Capital	210	56	-	-	266
150	6065	5202	Fuel	4,556	Capital	3,596	959	-	-	4,556
151	6065	5207	Uniforms	886	Capital	700	187	-	-	886
152	6065	5250	Minor Operating Equipment	4,201	Capital	3,316	885	-	-	4,201
153	6065	5400	Books / Subscriptions / Memberships	793	Capital	626	167	-	-	793
154	6065	5500	Training and Education	3,679	Capital	2,904	775	-	-	3,679
155			Total Engineering	\$ 435,485		\$ 343,791	\$ 91,695	\$ -	\$ -	\$ 435,485
156			TOTAL OPERATING EXPENSES	\$ 10,457,106		\$ 5,988,960	\$ 3,676,078	\$ 436,605	\$ 355,463	\$ 10,457,106
			OTHER REVENUE REQUIREMENTS							
			Debt Service							
157			Utility System Refunding Revenue Bonds, Series 2005 (Private Placement)	\$ 19,827	DirRetail	\$ -	\$ 19,827	\$ -	\$ -	\$ 19,827
158			Utility System Refunding Revenue Bonds, Series 2014 (BB&T Refunding No	608,618	WASSETSNoPR	342,038	266,580	-	-	608,618
159			Total Debt Service	\$ 628,445		\$ 342,038	\$ 286,408	\$ -	\$ -	\$ 628,445

Table 2-4

City of North Port, Florida
Utility Rate Analysis
Water System

Allocation of Water System Revenue Requirements to Wholesale or Bulk Service

Line No.	Division Code	Expense Code	Description	Fiscal Year 2020		Allocation Amount				Total
				Net Revenue Requirements	Allocation Reference	Bulk / Retail	Retail Only	Indirect Costs	Customer Service	
160			Transfer to Capital Replacement and Improvement Fund	\$ 7,731,533	WAssetsNoPR	\$ 4,345,049	\$ 3,386,483	\$ -	\$ -	\$ 7,731,533
161			Capital Funded from Rates	368,330	WAssetsNoPR	206,998	161,332	-	-	368,330
162			TOTAL OTHER REVENUE REQUIREMENTS	<u>\$ 8,728,308</u>		<u>\$ 4,894,085</u>	<u>\$ 3,834,223</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 8,728,308</u>
163			GROSS REVENUE REQUIREMENTS	<u>\$ 19,185,414</u>		<u>\$ 10,883,045</u>	<u>\$ 7,510,301</u>	<u>\$ 436,605</u>	<u>\$ 355,463</u>	<u>\$ 19,185,414</u>
			Less Income and Funds from Other Sources							
			Other Operating Revenues							
164			Other Operating Revenue	\$ 1,529,053	OtherRev	\$ 175,440	\$ 1,353,613	\$ -	\$ -	\$ 1,529,053
165			Bulk Water Revenue	22,134	DirRetail	-	22,134	-	-	22,134
166			Unrestricted Interest Income	110,996	Interest	58,867	36,981	11,958	3,190	110,996
167			Capacity Fees Used to Pay Peace River Debt Service	1,000,000	DirRetail	-	1,000,000	-	-	1,000,000
168			Total Other Operating Revenues	<u>\$ 2,662,183</u>		<u>\$ 234,307</u>	<u>\$ 2,412,728</u>	<u>\$ 11,958</u>	<u>\$ 3,190</u>	<u>\$ 2,662,183</u>
169			Surplus / (Deficiency)	\$ (6,094,265)	Indirect	\$ -	\$ -	(6,094,265)	\$ -	\$ (6,094,265)
170			NET REVENUE REQUIREMENTS	<u>\$ 10,428,966</u>		<u>\$ 10,648,738</u>	<u>\$ 5,097,573</u>	<u>\$ (5,669,617)</u>	<u>\$ 352,273</u>	<u>\$ 10,428,966</u>
171			Allocation of Customer Service Costs			16	352,257	-	(352,273)	
172			Subtotal			\$ 10,648,753	\$ 5,449,831	\$ (5,669,617)	\$ -	
173			Allocation of Indirect Costs			(3,750,290)	(1,919,327)	5,669,617	-	
174			ADJUSTED NET REVENUE REQUIREMENTS	<u>\$ 10,428,966</u>		<u>\$ 6,898,463</u>	<u>\$ 3,530,503</u>	<u>\$ -</u>	<u>\$ -</u>	
175			Total Projected Water Treated and Purchased in Fiscal Year 2020 (kgal)	1,355,604		1,355,604				
176			Total Cost Per 1,000 Gallons	<u>\$ 7.69</u>		\$ 5.09				
177			Bulk-Retail Percentage			<u>66.15%</u>				

Table 2-5

**City of North Port, Florida
Utility Rate Analysis**

Derivation of Bulk Reclaimed Water Rate for West Villages

Line No.	Description	Amount	Cost Classification		
			Allocator	Fixed	Variable
EFFLUENT REUSE OPERATING COSTS [1]					
<u>Employee-Related Costs</u>					
Wastewater System Department					
<u>Direct Labor</u>					
1	Man-Hours Spent on Reuse System Per Day	1.00			
2	Days Per Year	365.00			
3	Total Man-Hours Spent on Reuse System	<u>365.00</u>			
4	Average Hourly Wage	\$ 27.04			
5	Benefits Percentage [2]	40.00%			
6	Total Direct Labor Costs	\$ 13,820	Variable	\$ -	\$ 13,820
Meter Reading					
<u>Direct Labor</u>					
7	Hours Per Month	0.25			
8	Total Man-Hours Spent on Reuse System	3.00			
9	Average Hourly Wage	\$ 18.02			
10	Benefits Percentage [2]	40.00%			
11	Total Direct Labor Costs	\$ 76	Variable	\$ -	\$ 76
<u>Vehicle-Related Costs</u>					
<u>Operator</u>					
12	Total Hours	365			
13	Hourly Rate	\$ 17.65			
14	Total Cost	\$ 6,442	Variable	\$ -	\$ 6,442
<u>Meter Reader</u>					
15	Total Hours	3			
16	Hourly Rate	\$ 12.30			
17	Total Cost	\$ 37	Variable	\$ -	\$ 37
<u>Other Operating Costs</u>					
18	Electrical Cost of Pump and Meter	\$ 2,000	Variable	\$ -	\$ 2,000
19	Additional	-	Variable	-	-
20	Total Other Operating Costs	\$ 2,000		\$ -	\$ 2,000
21	Total Operating Costs	\$ 15,820		\$ -	\$ 22,375
TOTAL EFFLUENT REUSE COSTS:					
22	Total Operating Costs	\$ 15,820		\$ -	\$ 22,375
23	Assumed Depreciation Equivalent on Capital Costs Recognized For Effluent Reuse Rate	-		-	-
24	Equipment Replacement Allowance	-		-	-
25	Total Costs Recognized in Effluent Reuse Rate	\$ 15,820		\$ -	\$ 22,375
Fixed Cost Divisor					
26	Permitted Flow of Reuse System (000's Gallons) [3]	730,000		730,000	
27	Variable Cost Divisor - Total Projected Reuse Annual Flow (000's Gallons) [4]	<u>109,500</u>			109,500
28	Cost Per 1,000 Gallons of Effluent Reuse			<u>\$ -</u>	\$ 0.204
29	Rounded Rate Per 1,000 Gallons of Effluent Reuse				\$ 0.21

Footnotes:

- [1] Based on discussions with City utility staff.
- [2] Based on overall benefits percentage for City staff.
- [3] Estimate based on discussions with City staff.
- [4] Estimate based on discussions with City staff.



SECTION 3
Capacity Fee Analysis

SECTION 3:

CAPACITY FEE ANALYSIS

3-1: Purposes of Water and Wastewater Capacity Fees

Historically, the City has utilized water and wastewater capacity fees ("Capacity Fees") – which are often called "Impact Fees" – to fund a portion of constructing the infrastructure requirements associated with new growth. For the purposes of this report, the terms "Capacity Fees" and "Impact Fees" shall be used interchangeably.

The purpose of Capacity Fees is to assign the proportionate share of growth-related capital costs to new customers benefiting from such additional costs. To the extent that new population growth and associated development impose identifiable added capital costs to municipal services, the most common capital funding practice is to assign such costs to those system users responsible for the costs rather than to the existing customer base. This practice has been referred to as "growth paying its own way."

On June 14, 2006, new Impact Fee legislation became effective as Chapter 2006-218, Laws of Florida, and was later incorporated in Section 163.31801 of the Florida Statutes. These new Impact Fee laws, which were labeled as the "Florida Impact Fee Act," recognize that Impact Fees are an important source of revenue for a local government to use in funding the infrastructure necessitated by new growth. The act further states that an Impact Fee adopted by ordinance of a county or municipality, or by resolution of a special district, must at minimum:

- Require that the calculation of the Impact Fee be based on the most recent and localized data;
- Provide for accounting and reporting of Impact Fee collections and expenditures in a separate accounting fund;
- Limit administrative charges for the collection of Impact Fees to actual costs; and
- Require that notice be provided no less than 90 days before the effective date of an ordinance or resolution imposing a new or amended Impact Fee.

On May 21, 2009, Florida House Bill 227 became law, and this legislation added the following language to the Florida Impact Fee Act:

"In any action challenging an impact fee, the government has the burden of proving by a preponderance of the evidence that the imposition or amount of the fee meets the requirements of state legal precedent or this section. The court may not use a deferential standard."

Based on Section 163.31801 of the Florida Statutes and existing Florida case law, certain conditions are required to develop a valid Capacity Fee:

- 1. The Capacity Fee must meet the "dual rational nexus" test.** First, Capacity Fees are valid when a reasonable impact or rationale exists between the anticipated need for additional capital facilities and the growth in population. Second, Capacity Fees are valid when a reasonable association, or rational nexus, exists between the expenditure of the capital charge proceeds and the benefits accruing to the growth from those proceeds.
- 2. The system of capacity fees and charges should be set up so that there is not an intentional windfall to existing users.**
- 3. The Capacity Fee should only cover the capital cost of construction and related costs thereto (engineering, legal, financing, administrative, etc.) incurred by the utility system for capital expenditures or other additional capital requirements that are required solely due to growth.** Expenses for rehabilitation or replacement of a facility benefiting the existing customers (e.g., replacement of a capital asset) or an increase in the level of service should be borne by all users of the facility (i.e., existing and future users to the extent that capacity is available in such facilities to serve growth). Similarly, increased expenses due to operation and maintenance of that facility should be borne by the existing users of the utility and are not a cost component of the derivation of the impact fees.
- 4. A Capacity Fee resolution or ordinance should be maintained that explicitly restricts the use of Capacity Fees collected and requires Capacity Fee revenue to be set aside in a separate account.** Separate accounting must be made for those funds to ensure that they are used only for the lawful purposes described above.
- 5. Advanced public notice of not less than ninety (90) days before the effective date of a resolution or ordinance amending the existing Capacity Fees should be provided, unless the Capacity Fees are decreasing.**

3-2: Existing Capacity Fees

The City's current water and wastewater Capacity Fees were adopted by the Commission pursuant to Ordinance No. 2015-49 on December 14, 2015 and are currently incorporated in Section 78-30 of the City Code of Ordinances. The Capacity Fees are based on the estimated equitable portion of the cost of providing water and wastewater capacity of the System to new development or growth, and are imposed on a per-equivalent residential connection ("ERC") basis. An ERC is a unit of capacity demand defined in the City Code. For the water system, one ERC is currently defined as 250 gallons per day (gpd) of usage expressed on an average annual basis. A level of service (LOS) standard is commonly used in the establishment of a utility Capacity Fee and is generally considered to be the average daily demand of a typical single-family residential home. The wastewater LOS standard for one ERC is currently defined by

the City Code as 225 gpd on an average annual basis. The current Capacity Fees for an ERC served by the water and wastewater system are summarized in the following Exhibit 3-1:

Exhibit 3-1: Existing Capacity Fees

Description	Inside-City	Outside-City
Water Capacity Fee Per Equivalent Residential Connection [*]	\$ 1,890	\$ 1,890
Wastewater Capacity Fee Per Equivalent Residential Connection [*]	2,575	2,575
Total	\$ 4,465	\$ 4,465

[*] An Equivalent Residential Connection ("ERC") is currently defined in the City Code as 250 gpd of water usage and 225 gpd of wastewater flow on an average annual basis.

The City’s existing Capacity Fee Ordinance is contained in Appendix B at the end of this report, and shows the existing Capacity Fees and current ERC determination methodology.

3-3: ERC Determination Methodology

The City’s water and wastewater Capacity Fees are currently applied to residential units based on the ERC factors shown in the following Exhibit 3-2:

Exhibit 3-2: North Port Capacity Fee Methodology

Residential Establishment	Unit	ERC Factor
Single Family Home	Per Unit	1.000
Duplex (1 Bedroom or Efficiency)	Per Unit	0.833
Duplex (2 or More Bedrooms)	Per Unit	1.000
Multifamily (1 Bedroom or Efficiency)	Per Unit	0.833
Multifamily (2 or More Bedrooms)	Per Unit	1.000
Mobile Home (1 Bedroom or Efficiency)	Per Unit	0.667
Mobile Home (2 or More Bedrooms)	Per Unit	0.833
Assisted Living Facility - Except Common Service Areas	Per Single Bedroom Unit Without a Kitchen Sink and/or Dishwasher	0.300
Hotel/Motel - Except Common Service Areas	Per Single Bedroom Unit Without a Kitchen Sink and/or Dishwasher	0.300

The determination of nonresidential ERCs is based on a count of the plumbing fixtures in the proposed structure, a common methodology utilized by many utilities. The advantage of this approach is that the number of ERCs is based on industry demand standards – each fixture has the potential to handle a certain amount of flow, and the ERC value reflects such potential. Also, the approach evaluates the capacity needs on an individual customer basis – the customer-specific capacity analyses based on fixture values link to the customer-specific demand requirements. GovRates considers that the City’s existing method of determining the number of ERCs based on fixture count is reasonable and consistent with methodologies

employed by many other utilities. Based on discussions with the City staff, we recommend that the City continue this methodology.

3-4: Level of Service Requirements

In the evaluation of the capital facility needs for providing water and wastewater utility services, it is critical that a level of service ("LOS") standard be developed. Pursuant to Chapter 9J-5, Florida Administrative Code, the "level of service" means "an indicator of the extent or degrees of service provided by, or proposed to be provided by a facility, based on and related to the operational characteristics of the facility." A level of service indicates the capacity per unit of demand for each public facility or service. Essentially, the level of service standards are established in order to ensure that adequate facility capacity will be provided for future development and for purposes of issuing development orders or permits pursuant to Section 163.3202(2)(g) of the Florida Statutes. As further stated in the Florida Administrative Code, each local government shall establish a level of service standard for each public facility located within the boundary for which such local government has authority to issue development orders or permits. Such LOS standards are set for each individual facility or facility type or class and not on a system-wide basis.

For water and wastewater service, the level of service that is commonly used in the industry is the amount of capacity (service) allocable to an ERC expressed as the amount of usage (gallons) allocated on an average daily basis. This allocation of capacity would generally represent the amount of capacity allocable to an ERC, whether or not such capacity is actually used (commonly referred to as "readiness to serve"). As previously mentioned, an ERC – sometimes known as an equivalent residential unit (ERU) or equivalent dwelling unit (EDU) – is representative of the average capacity allocated to provide service to a typical individually-metered single-family residential account. This class of users is usually the largest number of customers served by a public utility such as the City's, and such customers generally have the lowest level of usage requirements for a specifically-metered account.

As indicated in the City Code, one ERC is equivalent to the usage requirements of a single-family residential home and is assumed to have an LOS standard of 250 gallons per day (gpd) of water production and treatment capacity, and 225 gpd of sewage treatment and disposal. These LOS standards are consistent with standards utilized by other utilities throughout the State of Florida.

As part of the utility rate analysis, GovRates was tasked with reviewing the Utility's water and wastewater LOS standards. Based on a review of historical flows and discussions with City staff, we recommend that the water LOS standard be reduced to 170 gpd per water ERC and that the wastewater LOS standard be reduced to 155 gpd per ERC, both on an average annual basis. These updated LOS standards were utilized for the purpose of calculating the water and wastewater Capacity Fees.

3-5: Existing Utility Assets in Service

In the determination of the Capacity Fee associated with serving future customers, any excess capacity of the existing utility system available to serve such growth should be considered. Since this capacity is available to serve the near-term incremental growth of the utility system, it would be appropriate to evaluate the capacity availability of such facilities. In order to evaluate the availability of the existing utility assets to meet future capacity needs, the existing utility assets were reviewed and assigned to functional categories. The functionalization of the existing plant is necessary to identify those assets which should be included in the determination of the capacity fees.

The functional cost categories are based on the purpose of the assets and the service that such assets provide. The following Exhibit 3-3 contains a summary of the functional cost categories for the utility assets considered in the capacity fee analysis:

Exhibit 3-3: Utility Asset Categories

<u>Water Service</u>	<u>Wastewater Service</u>	<u>Other Plant</u>
Supply	Treatment	General Plant (equipment, vehicles, etc.)
Treatment, Transmission, and Storage	Effluent / Reclaimed Water	
Distribution	Transmission and Major Pumping Stations	
Fire Hydrants	Collection (includes local lift stations, manholes, and laterals)	
Meters and Services		

Generally, the costs of onsite facilities which serve a specific development or customer such as water distribution and wastewater collection lines, meters and services, and fire hydrants are usually: i) donated by a developer as part of the City's utility extension program (a contribution of the plant); ii) recovered from the individual properties through an assessment program based on those properties which receive special benefit from such facilities or from the application of a main line extension fee to recover the specific cost of such facilities; or iii) funded from the customer directly (e.g., by a "front-foot" charge where the on-site lines were initially financed by the utility and then paid by the customer or an installation charge to recover the cost of a new service line and/or the meter).

The City provided GovRates with reported utility asset information through September 30, 2018 that served as the basis of the functionalization of the existing utility assets. Table 3-1 at the end of this section provides a summary of the functionalization of the existing utility plant-in-service for the System. The functionalized existing utility plant-in-service as shown in Table 3-1 represents the original cost of such assets (gross book value) and was based on the reported in-service values as of September 30, 2018 that were provided by the City and detailed in the utility asset records. This information represents the most current information available relative to the assets-in-service that can serve the existing and near-term future customer base of each utility system. The assets represent "installed costs" and have not been

restated to account for any fair market value adjustments which would reflect current costs (would assume essentially that assets were replaced). If an asset had been replaced by the City as of September 30, 2018, such assets were considered since they are physically in-service and represent the cost actually incurred by the City to provide service to future development.

A summary of the functionalization of the existing utility plant-in-service is shown in the following Exhibit 3-4:

Exhibit 3-4: Water and Wastewater Utility Assets Owned by the City

Function	Water System [1] [2]		Wastewater System [1]	
	Amount	Percent	Amount	Percent
Treatment and Supply	\$ 19,848,920	29.0%	\$ 53,515,573	47.5%
Transmission and Storage	17,648,375	25.8%	11,663,480	10.4%
Distribution / Collection	28,861,016	42.2%	44,654,724	39.7%
Meters / Services / Hydrants	363,964	0.5%	-	0.0%
General Plant [3]	1,655,957	2.4%	2,725,926	2.4%
Totals	<u>\$ 68,378,233</u>	<u>100.0%</u>	<u>\$ 112,559,704</u>	<u>100.0%</u>

[1] Amounts shown derived from Table 3-1.

[2] Does not include capital costs associated with Peace River water treatment facilities that are allocable to the City.

[3] Primarily includes vehicles, furniture, machinery and equipment.

A summary of the \$17,213,717 in Peace River capital costs allocable to the City is shown in Table 3-2.

3-6: Additional Capital Investment

The City’s capital improvement program (CIP) for the Fiscal Years 2019 through 2029, as prepared and estimated by the utility staff and its Consulting Engineers, outlines a number of capital improvements for the water and wastewater systems. These capital projects include: i) expansions to accommodate new growth; ii) upgrades of existing assets to accommodate new and existing customers; and iii) replacements of existing assets or projects which generally benefit current users of the System.

As shown in Table 3-3 and 3-4 at the end of this section, the City’s CIP has recognized about \$72,711,169 in major capital projects to be completed over the eleven-year period for the water system and about \$64,870,644 in major capital projects for the wastewater system (Total = \$137,581,813). These amounts do not include any capital costs associated with departmental capital outlay, which is the ongoing replacement of vehicles, equipment, machinery, computers, furniture, and other assets that generally have relatively short average service lives (e.g., five years). Departmental capital is typically considered or classified as general plant and is funded on a "pay-as-you-go" basis through the annual user rate revenues of the System.

Based on our understanding of the fair share apportionment rule identified by case law, only water production / wastewater treatment and major backbone transmission costs were recognized in the water and wastewater Capacity Fee calculations. General transmission and distribution / collection project costs were not recognized because they: i) generally are not system-wide costs (i.e., distribution / collection project costs tend to benefit specific customers); ii) in many instances, are funded by a specific charge applied to a customer (e.g., line extension charges, etc.); and iii) are usually contributed to the City as part of the development process (e.g., it would not be equitable for a developer who has contributed the distribution / collection assets to pay a Capacity Fee which includes recovery of distribution/collection projects).

A summary of all the adjustments that GovRates made in order to arrive at the treatment and major transmission costs recognized for Capacity Fee determination purposes are shown in the following Exhibit 3-5:

Exhibit 3-5: Derivation of Treatment and Major Transmission Capital Costs Recognized in Capacity Fee Analysis [1]

Description	Water System [2]	Wastewater System [2]
Projects in Utility's Eleven-Year CIP	\$ 72,711,169	\$ 64,870,644
Adjustments to Remove Project Costs Considered 100% Allocable to Existing Users	(639,983)	(4,483,619)
Adjustments to Remove Project Costs to Be Paid in Full by Developers	(24,150,000)	(41,650,000)
Adjustments to Remove Distribution / Collection-Related Projects	(9,450,244)	(5,980,072)
Adjustments to Remove General-Related Project Costs	(2,183,500)	(658,500)
Adjustments to Remove Project Costs to Be Paid in Full By Surtax	(2,530,800)	(2,530,800)
Total Treatment and Major Transmission Capital Costs Recognized	<u>\$ 33,756,643</u>	<u>\$ 9,567,653</u>

[1] Does not include capital costs associated with Peace River capacity allocable to City.

[2] Amounts shown derived from Table 3-3 at the end of this section.

3-7: Water and Wastewater System Capacity Fee Calculations

The calculated capacity fees are shown in the following Exhibit 3-6:

Exhibit 3-6: Existing and Proposed Water and Wastewater Capacity Fees Per ERC

System	Existing Fee	Current Study Calculation	Difference from Existing	
			Amount	Percent
Water	\$ 1,890	\$ 1,872	\$ (18)	-1.0%
Wastewater	2,575	2,213	(362)	-14.1%
Total	<u>\$ 4,465</u>	<u>\$ 4,085</u>	<u>\$ (380)</u>	<u>-8.5%</u>

ERC = Equivalent Residential Connection

As shown in the previous table, both the water and wastewater capacity fees are proposed to decrease. The City now has a higher cost per unit of capacity than what was previously calculated due to inflation, new treatment technology, increased government regulations, and changing capital needs. The lower LOS standards are the reason why the capacity fee amounts have decreased. Consistent with the practices of several other utilities, a cost of carry allowance was included in the capacity fee calculations.

An overview of the capacity fee calculations is shown in the following Exhibit 3-7:

Exhibit 3-7: Overview of Water and Wastewater Capacity Fee Calculations

Line No.	Description	Water Capacity Fee	Wastewater Capacity Fee
TREATMENT COMPONENT			
Starting Cost Per ERC of Treatment Facilities			
1	Cost of Existing Facilities With Available Capacity to Serve New Growth [1]	\$ 37,062,637	\$ 53,515,573
2	Less Grant Funds and Other Contributions	-	(623,026)
3	Adjusted Cost	\$ 37,062,637	\$ 52,892,547
4	Number of ERCs That Could Be Served By Facilities [2]	42,735	37,634
5	Cost Per ERC	<u>\$ 867.26</u>	<u>\$ 1,405.43</u>
Capital Improvement Program [3]			
6	Capital Projects Representing New Facilities and Upgrades to Existing System	\$ 14,809,579	\$ 3,106,493
7	Less Estimated Cost of Original Fixed Assets Being Replaced	(2,069,385)	(281,388)
8	Cost Difference	\$ 12,740,194	\$ 2,825,105
Adjusted Cost Per ERC of Treatment Facilities			
9	Adjusted Cost of Existing Facilities With Available Capacity to Serve New Growth [Line 3 + Line 8]	\$ 49,802,831	\$ 55,717,652
10	Number of ERCs That Could Be Served By Facilities [2]	42,735	37,634
11	Base Cost Per ERC	<u>\$ 1,165.38</u>	<u>\$ 1,480.50</u>
12	Capital Financing Recovery - Treatment Component	152.28	254.15
13	Adjusted Cost Per ERC	<u>\$ 1,317.66</u>	<u>\$ 1,734.65</u>
TRANSMISSION COMPONENT			
Starting Cost Per ERC of Transmission Facilities			
14	Cost of Existing Facilities With Available Capacity to Serve New Growth [1]	\$ 17,648,375	\$ 11,663,480
15	Less Grant Funds and Other Contributions	(4,399,503)	(1,441,356)
16	Adjusted Cost	\$ 13,248,872	\$ 10,222,124
17	Number of ERCs That Could Be Served By Facilities [2]	42,735	37,634
18	Cost Per ERC	<u>\$ 310.02</u>	<u>\$ 271.62</u>

Capital Improvement Program [3]

19	Capital Projects Representing New Facilities and Upgrades to Existing System	\$ 8,947,063	\$ 6,461,159
20	Less Estimated Cost of Original Fixed Assets Being Replaced	(959,880)	(964,454)
21	Cost Difference	\$ 7,987,183	\$ 5,496,705
Adjusted Cost Per ERC of Transmission Facilities			
22	Adjusted Cost of Existing Facilities With Available Capacity to Serve New Growth [Line 16 + Line 21]	\$ 21,236,055	\$ 15,718,829
23	Number of ERCs That Could Be Served By Facilities [2]	42,735	37,634
24	Base Cost Per ERC	\$ 496.92	\$ 417.68
25	Capital Financing Recovery - Transmission Component	57.43	61.20
26	Adjusted Cost Per ERC	\$ 554.35	\$ 478.87
27	Calculated Capacity Fee Per ERC	\$ 1,872.02	\$ 2,213.52
28	Calculated Capacity Fee Per ERC (Rounded)	\$ 1,872.00	\$ 2,213.00
29	Cost per Gallon	\$ 11.01	\$ 14.28

Footnotes:

[1] Based on functionalization of fixed asset list (i.e., identification of treatment and transmission fixed assets) as of September 30, 2018 that was provided by the City and summarized as follows:

Asset Type	Water	Wastewater
Total Assets - City-Owned (Derived from Table 3-1)	\$ 68,378,233	\$ 112,559,704
Peace River Assets Allocable to City (Derived from Table 3-2)	17,213,717	N/A
Total Assets	\$ 85,591,949	\$ 112,559,704
<u>Assets Recognized</u>		
Treatment	\$ 37,062,637	\$ 53,515,573
Transmission	17,648,375	11,663,480
Total Assets Recognized	\$ 54,711,012	\$ 65,179,053
Percent of Total Assets	63.9%	57.9%

[2] ERCs based on current capacity and level of service standard. Derived as follows:

Myakkahatchee Treatment Plant Capacity - Average Daily Flow (MGD)	4.400	
Wastewater Treatment Plant Capacity - Three-Month Average Daily Flow (MGD)		7.000
Peaking Factor [*]	1.000	1.200
Treatment Capacity of North Port Plant (Average Daily Flow - MGD)	4.400	5.833
Peace River Allocated Capacity (Maximum Month - MGD)	2.865	N/A
Treatment Capacity (Average Daily Flow - MGD)	7.265	5.833

Treatment Capacity (Maximum Month Flow - gallons per day)	7,265,000	5,833,333
Level of Service Standard Per ERC (gallons per day)	170	155
Number of ERCs That Could Be Served By Capacity	<u>42,735</u>	<u>37,634</u>
Transmission Capacity (Maximum Month Flow - gallons per day)	7,265,000	5,833,333
Level of Service Standard Per ERC (gallons per day)	170	155
Number of ERCs That Could Be Served By Capacity	<u>42,735</u>	<u>37,634</u>

[*] Peaking factors based on historical peak-to-average-daily-flow relationships.

[3] Amounts derived from Table 3-4.

A breakdown of the rounded treatment and transmission components of the fees is shown in the following Exhibit 3-8:

Exhibit 3-8: Capacity Fee Treatment and Transmission Components Per ERC

System	Treatment Component	Transmission Component	Combined
Water	\$ 1,318 \$7.75/gal	\$ 554 \$3.26/gal	\$ 1,872 \$11.01/gal
Wastewater	\$ 1,735 \$11.19/gal	\$ 478 \$3.08/gal	\$ 2,213 \$14.28/gal
Total	<u>\$ 3,053</u>	<u>\$ 1,032</u>	<u>\$ 4,085</u>

3-8: Capacity Fee Comparisons

In order to provide additional information to the City regarding the existing and calculated Capacity Fees, a comparison of the existing and calculated fees for the City with those of other Florida jurisdictions was prepared. This comparison, summarized on Table 3-5 and Figure 3-1 at the end of this section, provides a comparison of the City’s existing and proposed Capacity Fees charged to single-family residential connections (i.e., one ERC) with the fees or comparable charges currently imposed by other municipal/governmental water and wastewater systems located primarily in the southwest Florida region. Figure 3-1 shows a graphical representation of the comparison. It is important to note that the methods used in the development of the water and wastewater Capacity Fees imposed may vary. Moreover, no analysis has been performed to determine whether 100% of the proportionate cost of new facilities is recovered from system Capacity Fees, or some percentage less than 100% with the balance recovered through the user charges. Additionally, the types of capital facilities currently in service or planned for the utility may have a material effect on the impact fee charged by a local government. For example, wastewater effluent disposal utilizing a deep injection well system generally has a higher capital cost per unit of capacity than use of a surface water discharge such as an outfall to a bay or river. The capital costs

associated with constructing reverse osmosis water treatment facilities, which treat brackish water, are higher than those of lime softening facilities, which treat freshwater.

Some reasons why Capacity Fees differ among utilities:

- Source and quality of raw water supply.
- Proximity to source of supply.
- Type and complexity of treatment process.
- Effluent disposal method.
- Density of service area.
- Availability of grant funding to finance capital assets / CIP.
- Age of system.
- Utility life cycle (e.g., growth-oriented vs. mature).
- Level of service standards.
- Administrative policies.

As shown on Table 3-5 and Figure 3-1, the average water and wastewater system Capacity Fees per ERC for the twenty-five (25) governmental entities selected for this comparison are \$1,846 and \$2,433 (combined = \$4,279), respectively, for a single-family residences equaling one ERC. Of the surveyed utilities, the City of Marco Island has the highest combined water and wastewater fees at \$8,350. The City of St. Petersburg with a combined fee of \$1,284 had the lowest in the group. The calculated water system Capacity Fee of \$1,872 and the calculated wastewater system Capacity Fee of \$2,213 (combined = \$4,085) for the City are comparable with the fees charged by the surveyed utilities. Charlotte County, Manatee County, Lee County, Collier County, the City of Punta Gorda, Sarasota County, Englewood Water District, DeSoto County, the City of Cape Coral, the City of Sanibel, Bonita Springs Utilities, Inc., Gasparilla Island Water Association, Inc., and the City of Marco Island are the utilities represented in the comparison which charge higher combined water and wastewater Capacity Fees than those proposed for the City. As shown in Figure 3-1, the Utility's relative position on the capacity fee comparison graph would be unchanged with implementation of the lower capacity fees.

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.		
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Reel.	Transmission	Collection & Direct Reel.			Indirect	
Fixed Assets as of September 30, 2018 [1]																		
1	00003519	UTILITY ADMIN OFFICE REMODEL	9/30/1996	\$ 37,699	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,699	\$ -
2	00003519	BLDG/A/C HEAT PUMP	1/11/1999	1,850	-	-	-	-	-	-	-	-	-	-	-	-	1,850	-
3	00003519	BLDG/CABLE/PHONE ETC	1/20/1999	843	-	-	-	-	-	-	-	-	-	-	-	-	843	-
4	00003519	BLDG, UTILITY ADMINISTRATION	1/11/1999	7,766	-	-	-	-	-	-	-	-	-	-	-	-	7,766	-
5	00003519	BLDG./REMODEL FRONT OFFICE	1/29/2007	5,725	-	-	-	-	-	-	-	-	-	-	-	-	5,725	-
6	00003519	NEW ROOF, ADMINISTRATION BLDG	11/16/2006	9,217	-	-	-	-	-	-	-	-	-	-	-	-	9,217	-
7	00009862	TRUCK, 2014 FORD ESCAPE	2/21/2014	18,818	-	-	-	-	-	-	-	-	-	-	-	-	18,818	-
8	00011371	SOFTWARE, LOCKBOX PROCESSING	7/13/2017	9,700	-	-	-	-	-	-	-	-	-	-	-	-	9,700	-
9	00011371	SCANNER	7/13/2017	1,122	-	-	-	-	-	-	-	-	-	-	-	-	1,122	-
10	00011371	IMPLEMENTATION	9/30/2017	3,600	-	-	-	-	-	-	-	-	-	-	-	-	3,600	-
11	00001970	CUP CANALS OFF SNOVER WATERWAY	12/8/1992	8,750	8,750	-	-	-	-	-	-	-	-	-	-	-	-	-
12	00001988	PRESSURE WASHER	12/8/1992	1,372	-	-	-	-	-	-	-	-	-	-	-	-	1,372	-
13	00001991	BLDG/ROUND ROOM (TANK) WATERPROOF ROOFING	3/20/1997	4,900	-	4,900	-	-	-	-	-	-	-	-	-	-	-	-
14	00001992	WATER TREAT PLANT EXTENSION (1992)	12/8/1992	359,775	-	359,775	-	-	-	-	-	-	-	-	-	-	-	-
15	00001992	BLDG/IMPROVEMENTS TO WTP / CONSENT ORDER	9/30/1997	92,519	-	92,519	-	-	-	-	-	-	-	-	-	-	-	-
16	00001992	BLDG/WTP ROOF REPLACEMENT	10/15/2001	19,372	-	-	-	-	-	-	-	-	-	-	-	-	19,372	-
17	00001992	WATER TREATMENT PLNT EXPANSION PH 1 - CHEM TANK	9/30/2017	443,650	-	443,650	-	-	-	-	-	-	-	-	-	-	-	-
18	00001994	CARBON STORAGE BLDG	12/8/1992	63,257	-	63,257	-	-	-	-	-	-	-	-	-	-	-	-
19	00001995	YARD PIPING	12/8/1992	49,329	-	49,329	-	-	-	-	-	-	-	-	-	-	-	-
20	00002014	THIRD ADDITION-WM EXTENSION	12/8/1992	5,797	-	-	-	5,797	-	-	-	-	-	-	-	-	-	-
21	00002015	DISTRIBUTION AND EXTENSION MAINS	12/8/1992	13,577	-	-	-	13,577	-	-	-	-	-	-	-	-	-	-
22	00002016	DISTRIBUTION AND EXTENSION MAINS	12/8/1992	35,368	-	-	-	35,368	-	-	-	-	-	-	-	-	-	-
23	00002017	DISTRIBUTION AND EXTENSION MAINS	12/8/1992	37,201	-	-	-	37,201	-	-	-	-	-	-	-	-	-	-
24	00002018	DISTRIBUTION AND EXTENSION MAINS	12/8/1992	68,576	-	-	-	68,576	-	-	-	-	-	-	-	-	-	-
25	00002019	DISTRIBUTION AND EXTENSION MAINS	12/8/1992	338,032	-	-	43,837	294,195	-	-	-	-	-	-	-	-	-	-
26	00002020	DISTRIBUTION AND EXTENSION MAINS	12/8/1992	93,710	-	-	-	93,710	-	-	-	-	-	-	-	-	-	-
27	00002021	DISTRIBUTION AND EXTENSION MAINS	12/8/1992	45,396	-	-	-	45,396	-	-	-	-	-	-	-	-	-	-
28	00002022	DISTRIBUTION AND EXTENSION MAINS	12/8/1992	102,602	-	-	13,306	89,296	-	-	-	-	-	-	-	-	-	-
29	00002023	DISTRIBUTION MAINS-S DESIGN	12/8/1992	239,926	-	-	-	31,114	208,812	-	-	-	-	-	-	-	-	-
30	00002024	HILLSBOROUGH BOOSTER STATION	12/8/1992	36,720	-	-	36,720	-	-	-	-	-	-	-	-	-	-	-
31	00002025	12" MAIN	12/8/1992	31,015	-	-	-	31,015	-	-	-	-	-	-	-	-	-	-
32	00002027	DISTRIBUTION AND EXTENSIONS	12/8/1992	484,064	-	-	62,775	421,289	-	-	-	-	-	-	-	-	-	-
33	00002028	DISTRIBUTION AND EXTENSIONS	12/8/1992	662,904	-	-	85,967	576,937	-	-	-	-	-	-	-	-	-	-
34	00002029	6" WATER MAIN	12/8/1992	11,476	-	-	-	11,476	-	-	-	-	-	-	-	-	-	-
35	00002030	DISTRIBUTION AND EXTENSIONS	12/8/1992	114,659	-	-	-	114,659	-	-	-	-	-	-	-	-	-	-
36	00002031	6" WATER MAIN	12/8/1992	40,934	-	-	-	40,934	-	-	-	-	-	-	-	-	-	-
37	00002032	6" WATER MAIN	12/8/1992	17,589	-	-	-	17,589	-	-	-	-	-	-	-	-	-	-
38	00002034	ENGINEERING DESIGN FOR WATER SYSTEM	12/8/1992	10,145	-	-	-	10,145	-	-	-	-	-	-	-	-	-	-
39	00002035	6" WATER MAIN	12/8/1992	120,100	-	-	-	120,100	-	-	-	-	-	-	-	-	-	-
40	00002036	6" WATER MAIN	12/8/1992	285,124	-	-	-	285,124	-	-	-	-	-	-	-	-	-	-
41	00002037	ENGINEERING DESIGN FOR WATER SYSTEM	12/8/1992	36,622	-	-	-	36,622	-	-	-	-	-	-	-	-	-	-
42	00002038	NORTH PORT WATER TREATMENT PLANT MAINS	12/8/1992	230,779	-	-	230,779	-	-	-	-	-	-	-	-	-	-	-
43	00002039	6" WATER MAIN	12/8/1992	93,582	-	-	-	93,582	-	-	-	-	-	-	-	-	-	-
44	00002040	8" WATER MAIN	12/8/1992	67,923	-	-	-	67,923	-	-	-	-	-	-	-	-	-	-
45	00002041	10" WATER MAIN	12/8/1992	16,116	-	-	-	16,116	-	-	-	-	-	-	-	-	-	-
46	00002042	6" WATER MAIN	12/8/1992	355,695	-	-	-	355,695	-	-	-	-	-	-	-	-	-	-
47	00002043	8" WATER MAIN	12/8/1992	53,653	-	-	-	53,653	-	-	-	-	-	-	-	-	-	-
48	00002044	12" WATER MAIN	12/8/1992	24,829	-	-	-	24,829	-	-	-	-	-	-	-	-	-	-
49	00002045	6" WATER MAIN	12/8/1992	178,628	-	-	-	178,628	-	-	-	-	-	-	-	-	-	-
50	00002046	8" WATER MAIN	12/8/1992	45,633	-	-	-	45,633	-	-	-	-	-	-	-	-	-	-
51	00002047	6" WATER MAIN	12/8/1992	118,788	-	-	-	118,788	-	-	-	-	-	-	-	-	-	-
52	00002048	6" WATER MAIN	12/8/1992	135,867	-	-	-	135,867	-	-	-	-	-	-	-	-	-	-
53	00002049	10" WATER MAIN	12/8/1992	19,470	-	-	-	19,470	-	-	-	-	-	-	-	-	-	-
54	00002050	12" WATER MAIN	12/8/1992	36,627	-	-	-	36,627	-	-	-	-	-	-	-	-	-	-
55	00002051	METERS, SERVICES, AND HYDRANTS/MISCELLANEOUS	12/8/1992	50,733	-	-	-	50,733	-	-	-	-	-	-	-	-	-	-
56	00002052	METERS, SERVICES AND HYDRANTS/SERVICES	12/8/1992	210,811	-	-	-	210,811	-	-	-	-	-	-	-	-	-	-
57	00002071	METERS,SERVICES AND HYDRANTS/HYDRANTS	12/8/1992	9,877	-	-	-	9,877	-	-	-	-	-	-	-	-	-	-
58	00002073	METERS, SERVICES AND HYDRANTS/HYDRANTS	12/8/1992	295,563	-	-	-	295,563	-	-	-	-	-	-	-	-	-	-
59	00002129	LIGHTNING STRIKE REHAB L23	9/30/2018	6,223	-	-	-	-	-	-	-	-	6,223	-	-	-	-	-
60	00002590	VALVE REPLACEMENT - PUMP 5	7/15/1993	2,906	-	-	-	2,906	-	-	-	-	-	-	-	-	-	-
61	00002595	CONTROL PANEL, ADAPCO	3/5/1993	1,595	-	1,595	-	-	-	-	-	-	-	-	-	-	-	-
62	00002625	FUEL TANK, ABOVE GROUND 1,000 GALLON	2/25/1994	8,004	-	8,004	-	-	-	-	-	-	-	-	-	-	-	-
63	00002724	WATER TRANSMISSION BLENDING LINE	6/7/1994	8,464	-	-	8,464	-	-	-	-	-	-	-	-	-	-	-
64	00003518	WATER PLANT IMPROVEMENTS/FILTER REFURBISHMENT	9/30/1996	1,036,670	-	1,036,670	-	-	-	-	-	-	-	-	-	-	-	-
65	00003518	ELECTRIC ACTUATING VALVE (AUMA)	12/27/2016	5,141	-	5,141	-	-	-	-	-	-	-	-	-	-	-	-
66	00003520	WATER MAIN/PLANT REPAIRS	9/30/1996	8,870	-	-	-	-	-	-	-	-	-	-	-	-	8,870	-
67	00003801	NE BOOSTER PUMP STATION-OFF HABERLAND	9/30/1997	330,000	-	-	330,000	-	-	-	-	-	-	-	-	-	-	-
68	00003802	NE PUMP STATION WATER SYSTEM IMPROVEMENTS	9/30/1997	2,239,330	-	-	2,239,330	-	-	-	-	-	-	-	-	-	-	-
69	00003802	DRAINAGE WALLS	7/1/1999	5,380	-	-	5,380	-	-	-	-	-	-	-	-	-	-	-
70	00003802	CONCRETE CURBING AROUND BUILDING	7/1/1999	3,760	-	-	3,760	-	-	-	-	-	-	-	-	-	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Reel.	Transmission	Collection & Direct Reel.		
71	00003802	SEPTIC SYSTEM	7/9/1999	3,900	-	-	3,900	-	-	-	-	-	-	-	-	-
72	00003802	NE PUMP STATION - SEPTIC HOOK UP	8/11/1999	814	-	-	814	-	-	-	-	-	-	-	-	-
73	00003802	INSTALL RAMP, NE PUMP STATION	9/13/1999	3,980	-	-	3,980	-	-	-	-	-	-	-	-	-
74	00004039	WATER DISTRIBUTION IMPROV (U18WDI)	9/30/2018	48,083	-	-	6,236	41,847	-	-	-	-	-	-	-	-
75	00004064	HILLSBOROUGH BOOSTER STATION IMPROVEMENTS	10/1/1997	12,084	-	-	12,084	-	-	-	-	-	-	-	-	-
76	00004064	REMOTE CONTROL WIRING/HILLSBOROUGH WATER PLANT	1/13/1999	1,700	-	-	1,700	-	-	-	-	-	-	-	-	-
77	00004064	SCADA IMPROVEMENTS	1/16/2009	7,136	-	-	7,136	-	-	-	-	-	-	-	-	-
78	00004065	HILLSBOROUGH BOOSTER STATION VALVES	10/1/1997	5,971	-	-	5,971	-	-	-	-	-	-	-	-	-
79	00004313	CONCRETE SUPPORTS AROUND CLARIFIER SURGE LINE	10/12/1999	1,430	-	-	-	-	-	-	-	-	1,430	-	-	-
80	00004334	WATER TREATMENT PLANT-BOWL ASSEMBLY	12/22/1999	3,730	-	3,730	-	-	-	-	-	-	-	-	-	-
81	00004448	AMMONIA PRESSURE FEEDER	3/24/2000	1,855	-	-	1,855	-	-	-	-	-	-	-	-	-
82	00004497	CHLORINATOR W/ DRIP LEG & HEATER	8/24/2000	1,442	-	1,442	-	-	-	-	-	-	-	-	-	-
83	00004499	VACUUM REGULATOR	8/24/2000	1,442	-	1,442	-	-	-	-	-	-	-	-	-	-
84	00004857	MOTOR, BALDOR ELECTRIC	5/21/2002	1,218	-	1,218	-	-	-	-	-	-	-	-	-	-
85	00004899	PUMP,SEEPX W/MOTOR	12/26/2001	1,167	-	1,167	-	-	-	-	-	-	-	-	-	-
86	00004906	PUMP,SEEPX W/MOTOR	12/20/2001	1,167	-	1,167	-	-	-	-	-	-	-	-	-	-
87	00004908	PUMP,SEEPX W/MOTOR	7/30/2002	1,886	-	1,886	-	-	-	-	-	-	-	-	-	-
88	00004968	WATER MAIN ON US 41	11/7/2001	48,769	-	-	48,769	-	-	-	-	-	-	-	-	-
89	00004988	FLORIBANNA WATER EXTENSION	9/30/2002	101,483	-	-	-	101,483	-	-	-	-	-	-	-	-
90	00004989	SUMTER GARDENS WATER EXTENSION	9/30/2002	38,830	-	-	-	38,830	-	-	-	-	-	-	-	-
91	00004993	FRONT GATE	12/5/2017	11,850	-	11,850	-	-	-	-	-	-	-	-	-	-
92	00005239	MOTOR,BALDOR DC 3HP	5/15/2003	1,828	-	1,828	-	-	-	-	-	-	-	-	-	-
93	00005343	WATER STORAGE TANK	1/31/2003	1,242,816	-	-	1,242,816	-	-	-	-	-	-	-	-	-
94	00005357	MOTOR, BALDOR DC 3HP	7/31/2003	1,798	-	1,798	-	-	-	-	-	-	-	-	-	-
95	00005746	CAUSTIC FEED SYSTEM, DAY TANK	2/26/2013	3,948	-	3,948	-	-	-	-	-	-	-	-	-	-
96	00005974	WATER - NORTH PORT HIGH SCHOOL OFF-SITE(PRICE AVE)	5/22/2002	119,400	-	-	-	119,400	-	-	-	-	-	-	-	-
97	00005975	WATER - WINN-DIXIE	1/10/1992	53,375	-	-	-	53,375	-	-	-	-	-	-	-	-
98	00005976	WATER - VILLAS OF SABLE TRACE	8/17/2000	190,575	-	-	-	190,575	-	-	-	-	-	-	-	-
99	00005977	WATER - CRANBERRY ELEMENTARY	1/20/2004	85,325	-	-	-	85,325	-	-	-	-	-	-	-	-
100	00005978	WATER - WOODHAVEN	4/22/2002	219,325	-	-	-	219,325	-	-	-	-	-	-	-	-
101	00005979	WATER - INDUSTRIAL PARK	2/25/1997	370,000	-	-	-	370,000	-	-	-	-	-	-	-	-
102	00005980	WATER - TOLEDO BLADE ELEMENTARY	8/1/1995	45,175	-	-	-	45,175	-	-	-	-	-	-	-	-
103	00005981	WATER - FOOD LION/NP HEALTH PARK	1/1/1994	37,325	-	-	-	37,325	-	-	-	-	-	-	-	-
104	00005982	WATER - CARPET SHOP WATER LINE EXTENSION	1/1/2001	69,750	-	-	-	69,750	-	-	-	-	-	-	-	-
105	00005983	WATER - HERON CREEK DRIVE	7/29/1999	94,325	-	-	-	94,325	-	-	-	-	-	-	-	-
106	00005984	WATER - HERON CREEK UNIT 1	7/26/1999	199,475	-	-	-	199,475	-	-	-	-	-	-	-	-
107	00005985	WATER - CHARLESTON PARK	7/6/1998	57,020	-	-	-	57,020	-	-	-	-	-	-	-	-
108	00005986	WATER - RILEY CHASE OFF-SITE	8/1/2000	89,456	-	-	-	89,456	-	-	-	-	-	-	-	-
109	00005987	WATER - LAKESIDE PLANTATION	10/2/2000	687,889	-	-	-	687,889	-	-	-	-	-	-	-	-
110	00005988	WATER - VILLAS OF CHARLESTON PARK	11/17/2002	253,403	-	-	-	253,403	-	-	-	-	-	-	-	-
111	00005989	WATER - NORTH PORT PARK OF COMMERCE PHASE 2	5/15/2003	132,574	-	-	-	132,574	-	-	-	-	-	-	-	-
112	00005990	WATER - HERON CREEK TOWNE CENTRE (DD)	9/25/2000	206,550	-	-	-	206,550	-	-	-	-	-	-	-	-
113	00005991	WATER - HERON CREEK UNIT 7 PARCEL G	12/1/2002	70,796	-	-	-	70,796	-	-	-	-	-	-	-	-
114	00005992	WATER - HERON CREEK UNIT 6 (F)	11/13/2003	144,075	-	-	-	144,075	-	-	-	-	-	-	-	-
115	00005993	WATER - HERON CREEK UNIT 9 PARCEL I	2/2/2004	48,746	-	-	-	48,746	-	-	-	-	-	-	-	-
116	00005994	WATER - HERON CREEK UNIT 8 PARCEL H	2/2/2004	122,487	-	-	-	122,487	-	-	-	-	-	-	-	-
117	00005995	WATER - HERON CREEK UNIT 5 PARCEL E	12/1/2002	77,760	-	-	-	77,760	-	-	-	-	-	-	-	-
118	00005996	WATER - HERON CREEK UNIT 4 (J)	4/5/2002	55,175	-	-	-	55,175	-	-	-	-	-	-	-	-
119	00005997	WATER - HERON CREEK UNIT 3 (A,B,L)	1/16/2002	332,025	-	-	-	332,025	-	-	-	-	-	-	-	-
120	00005998	WATER - HERON CREEK UNIT 2	1/4/2001	136,650	-	-	-	136,650	-	-	-	-	-	-	-	-
121	00005999	WATER - RIVERWALK MOBILE HOME PARK	5/1/2003	30,425	-	-	-	30,425	-	-	-	-	-	-	-	-
122	00006000	WATER - WILLOW CREEK APARTMENTS	1/22/2002	50,775	-	-	-	50,775	-	-	-	-	-	-	-	-
123	00006001	WATER - BOBCAT TRAIL PHASE 1	9/1/1999	516,300	-	-	-	516,300	-	-	-	-	-	-	-	-
124	00006002	WATER - BOBCAT TRAIL PHASE 3	1/10/2001	43,600	-	-	-	43,600	-	-	-	-	-	-	-	-
125	00006003	WATER - BOBCAT VILLAS PHASE II	6/12/1998	16,305	-	-	-	16,305	-	-	-	-	-	-	-	-
126	00006004	WATER - SABAL TRACE UNIT 3	8/17/2000	149,920	-	-	-	149,920	-	-	-	-	-	-	-	-
127	00006005	WATER - SABAL TRACE UNIT 1	9/15/1994	133,849	-	-	-	133,849	-	-	-	-	-	-	-	-
128	00006006	WATER - TOLEDO CLUB APARTMENTS	5/13/2002	215,225	-	-	-	215,225	-	-	-	-	-	-	-	-
129	00006007	WATER - RILEY CHASE	8/1/2000	187,500	-	-	-	187,500	-	-	-	-	-	-	-	-
130	00006008	WATER - LINK SIDE	10/21/1997	41,525	-	-	-	41,525	-	-	-	-	-	-	-	-
131	00006009	WATER - DUCK KEY	7/26/1996	221,325	-	-	-	221,325	-	-	-	-	-	-	-	-
132	00006045	REUSE - SABAL TRACE UNIT 1	9/15/1994	89,720	-	-	-	89,720	-	-	89,720	-	-	-	-	-
133	00006088	WATER - JADE HOMES RESIDENTIAL LOTS	8/10/2005	63,195	-	-	-	63,195	-	-	-	-	-	-	-	-
134	00006090	WATER - TALON BAY PHASE 1-A	9/22/2005	25,725	-	-	-	25,725	-	-	-	-	-	-	-	-
135	00006092	WATER - THE VILLAS OF SABAL TRACE PHASE 2	8/12/2005	335,782	-	-	-	335,782	-	-	-	-	-	-	-	-
136	00006437	SALFORD RIGHT TURN LANE - UTILITIES PORTION	9/30/2005	67,175	-	-	-	67,175	-	-	-	-	-	-	-	-
137	00006459	TELEMETRY SYSTEM	9/30/2005	47,792	-	7,965	7,965	7,965	-	-	7,965	-	7,965	7,965	67,175	-
138	00006460	TRANSMISSION IMPROVEMENTS	9/30/2005	174,873	-	-	174,873	-	-	-	-	-	-	-	-	-
139	00006528	PUMP, GOULDS	2/24/2006	4,504	-	-	-	4,504	-	-	-	-	-	-	-	-
140	00006622	SCADA IMPROVEMENTS TO SOUTHWEST PUMP STATION	1/22/2009	9,725	-	-	-	9,725	-	-	-	3,242	-	3,242	3,242	-
141	00006624	TELEMETRY INTER-CONNECT PEACE RIVER	4/28/2006	14,260	14,260	-	-	-	-	-	-	-	-	-	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Recl.	Transmission	Collection & Direct Recl.		
142	00006832	WATER - TOLEDO CLUB APARTMENTS PHASE IIB	9/15/2006	28,300	-	-	-	28,300	-	-	-	-	-	-	-	-
143	00006834	WATER - ISLANDWALK AT THE WEST VILLAGES PHASE 1A	7/25/2006	490,966	-	-	-	490,966	-	-	-	-	-	-	-	-
144	00006836	WATER - ISLANDWALK AT THE WEST VILLAGES PHASE 1B	9/15/2006	258,880	-	-	-	258,880	-	-	-	-	-	-	-	-
145	00006838	WATER - WALGREENS AT HERON CREEK	8/15/2006	31,541	-	-	-	31,541	-	-	-	-	-	-	-	-
146	00006841	WATER - NORTHPORT COMMONS	8/10/2006	76,160	-	-	-	76,160	-	-	-	-	-	-	-	-
147	00006843	WATER - NORTHPORT MARKET PLACE PHASE 2	8/10/2006	10,242	-	-	-	10,242	-	-	-	-	-	-	-	-
148	00006845	WATER - VILLAS AT CHARLESTON PARK PHASE 1	2/4/2006	96,625	-	-	-	96,625	-	-	-	-	-	-	-	-
149	00006847	WATER - VILLAS AT CHARLESTON PARK PHASE 2	1/23/2006	119,545	-	-	-	119,545	-	-	-	-	-	-	-	-
150	00006848	WATER - TURNBERRY TRACE	7/15/2006	259,280	-	-	-	259,280	-	-	-	-	-	-	-	-
151	00006850	WATER - LAKESIDE PLANTATION TO PANACEA BLVD	7/1/2006	157,995	-	-	-	157,995	-	-	-	-	-	-	-	-
152	00006852	WATER - PLANTATION BLVD. TO HABERLAND BLVD.	7/1/2006	1,761,017	-	-	-	1,761,017	-	-	-	-	-	-	-	-
153	00006854	WATER - CYPRESS FALLS PHASE 1	7/1/2006	569,316	-	-	-	569,316	-	-	-	-	-	-	-	-
154	00006856	WATER - CEDAR GROVE PHASE 1	7/1/2006	604,176	-	-	-	604,176	-	-	-	-	-	-	-	-
155	00006857	WATER - WEST VILLAGE PUMP STATION	6/15/2006	2,710,615	-	-	2,710,615	-	-	-	-	-	-	-	-	-
156	00006857	PUMP, FLOWSERVE SPLIT CASE	10/21/2016	8,678	-	-	8,678	-	-	-	-	-	-	-	-	-
157	00006858	WATER - SNOVER DIRECTIONAL HABERLAND	5/3/2006	81,105	-	-	-	81,105	-	-	-	-	-	-	-	-
158	00006859	WATER - GAS STATION/CONVENIENCE STORE	4/27/2006	25,350	-	-	-	25,350	-	-	-	-	-	-	-	-
159	00006860	WATER - TOLEDO BLADE PROFESSIONAL CENTER	4/17/2006	42,600	-	-	-	42,600	-	-	-	-	-	-	-	-
160	00006862	WATER - VILLAS OF SABAL TRACE PHASE 2	2/15/2006	335,782	-	-	-	335,782	-	-	-	-	-	-	-	-
161	00006864	WATER - WOODLANDS HABERLAND WATERMAIN	2/14/2006	130,663	-	-	-	130,663	-	-	-	-	-	-	-	-
162	00006865	WATER - WOODLANDS TOLEDO BLADE FM	2/14/2006	144,747	-	-	-	144,747	-	-	-	-	-	-	-	-
163	00006866	WATER - WAL-MART SUPERCENTER	1/30/2006	376,538	-	-	-	376,538	-	-	-	-	-	-	-	-
164	00006869	WATER - SUMTER CROSSING	1/15/2006	105,745	-	-	-	105,745	-	-	-	-	-	-	-	-
165	00006870	WATER - SHOPPS AT HERON CREEK	1/15/2006	59,607	-	-	-	59,607	-	-	-	-	-	-	-	-
166	00006872	WATER - HERON CREEK UNIT 12 PARCEL K	1/1/2006	44,253	-	-	-	44,253	-	-	-	-	-	-	-	-
167	00006874	WATER - THE COLONY @ SABAL TRACE	11/15/2005	43,177	-	-	-	43,177	-	-	-	-	-	-	-	-
168	00007024	HILLSBOROUGH BOOSTER PUMP STATION IMP.	9/21/2006	84,293	-	84,293	-	-	-	-	-	-	-	-	-	-
169	00007024	IMPROVEMENTS	9/30/2006	43,342	-	43,342	-	-	-	-	-	-	-	-	-	-
170	00007024	12 MASTER MTR FLG OCTAVE-OSI ENCODER MODULE	9/14/2018	9,091	-	9,091	-	-	-	-	-	-	-	-	-	-
171	00007025	WTP MASTER PLAN UPGRADES PROJ#U02MPU	6/20/2006	510,242	-	510,242	-	-	-	-	-	-	-	-	-	-
172	00007026	WTP HIGH SERVICE PUMP STATION IMP. PROJ#U04HSP	2/28/2006	59,805	-	59,805	-	-	-	-	-	-	-	-	-	-
173	00007026	IMPROVEMENTS	9/30/2006	55,155	-	55,155	-	-	-	-	-	-	-	-	-	-
174	00007027	FILTER REHAB & OPTIMIZATION PROJ#U05FRO	9/15/2006	240,398	-	-	-	-	-	-	-	-	-	-	240,398	-
175	00007027	UPGRADES TO FILTERS 1 & 2 PRT OF U16CME	9/23/2016	33,747	-	33,747	-	-	-	-	-	-	-	-	-	-
176	00007027	UPGRADE TO FILTER 3	4/12/2017	17,374	-	17,374	-	-	-	-	-	-	-	-	-	-
177	00007027	UPGRADE TO FILTER 4	4/12/2017	17,374	-	17,374	-	-	-	-	-	-	-	-	-	-
178	00007028	REUSE SYSTEM IMPROVEMENTS PROJ#U05IRS	9/30/2006	5,306	-	-	-	-	-	5,306	-	-	-	-	-	-
179	00007031	WATER TELEMETRY-SCADA PROJ# U05WTS	9/30/2006	7,947	-	2,649	2,649	2,649	-	-	-	-	-	-	-	-
180	00007034	ALUM SLUDGE BEDS PROJ# U06ASB	6/30/2006	47,929	-	47,929	-	-	-	-	-	-	-	-	-	-
181	00007038	CHEM PUMP ROM REHAB PROJ# U06CPR	9/20/2006	10,097	-	10,097	-	-	-	-	-	-	-	-	-	-
182	00007055	OVERSIZE-PAN WATER MAIN PROJ# U06PWM	7/7/2006	1,293,051	-	1,293,051	-	-	-	-	-	-	-	-	-	-
183	00007730	WATER - BOBCAT SQUARE	1/15/2007	51,871	-	-	-	51,871	-	-	-	-	-	-	-	-
184	00007733	WATER - WEST VILLAGES OFFSITE WATER MAIN	2/15/2007	1,381,839	-	-	-	1,381,839	-	-	-	-	-	-	-	-
185	00007735	WATER - TOLEDO CLUB APARTMENTS PHASE IIC	2/15/2007	17,080	-	-	-	17,080	-	-	-	-	-	-	-	-
186	00007736	WATER - PAN AMERICAN OFFICE @5900&5920 IMPROV	3/7/2007	40,190	-	-	-	40,190	-	-	-	-	-	-	-	-
187	00007738	WATER - NORTH PORT GATEWAY	6/20/2007	265,585	-	-	-	265,585	-	-	-	-	-	-	-	-
188	00007740	WATER - SUMTER CROSSING EAST	6/26/2007	80,509	-	-	-	80,509	-	-	-	-	-	-	-	-
189	00007741	WATER - SMH LIFT STATION	8/9/2007	200,000	-	-	-	200,000	-	-	-	-	-	-	-	-
190	00007742	WATER - API NORTH PORT BLDG. PARK OF COMMERCE	8/27/2007	8,856	-	-	-	8,856	-	-	-	-	-	-	-	-
191	00007743	WATER - SUMTER COMMERCE	9/15/2007	27,990	-	-	-	27,990	-	-	-	-	-	-	-	-
192	00007745	WATER - TIRE CHOICE	9/21/2007	8,443	-	-	-	8,443	-	-	-	-	-	-	-	-
193	00007746	WATER - SHOPPPES AT PRICE CROSSING	9/29/2007	103,343	-	-	-	103,343	-	-	-	-	-	-	-	-
194	00007756	WATER - TALON BAY PHASE II	1/2/2007	112,195	-	-	-	112,195	-	-	-	-	-	-	-	-
195	00007794	WATER - OVERSIZING UPGRADE FOR LAMARQUE ELEMENTARY	11/14/2006	210,778	-	-	-	-	-	-	-	-	210,778	-	-	-
196	00007794	WATER - SCHOOL BOARD FOR LAMARQUE ELEMENTARY	10/1/2014	487,858	-	-	-	-	-	-	-	-	487,858	-	-	-
197	00007796	CLARIFIERS - IMPROVEMENTS FY06/07-SLUDGE BLOW OFF	5/31/2007	21,654	-	21,654	-	-	-	-	-	-	-	-	-	-
198	00008071	WATER - GRAN PARADISO PHASE 1	1/28/2008	402,207	-	-	-	402,207	-	-	-	-	-	-	-	-
199	00008073	WATER - ISLANDWALK AT WEST VILLAGES PHASE 1D PRTL	1/14/2008	177,618	-	-	-	177,618	-	-	-	-	-	-	-	-
200	00008075	WATER - PLANTATION BLVD. EXTENSION	10/22/2007	556,400	-	-	-	556,400	-	-	-	-	-	-	-	-
201	00008077	WATER - FLORIDA CENTER	2/6/2008	10,885	-	-	-	10,885	-	-	-	-	-	-	-	-
202	00008080	WATER - SHOPPPES AT NORTH PORT	9/30/2008	66,265	-	-	-	66,265	-	-	-	-	-	-	-	-
203	00008082	WATER - WALGREENS AT SHOPPPES AT NORTH PORT	9/30/2008	6,407	-	-	-	6,407	-	-	-	-	-	-	-	-
204	00008083	WATER - WVID CITY OF NORTH PORT/SARASOTA CNTY INTE	8/15/2008	110,044	-	-	-	110,044	-	-	-	-	-	-	-	-
205	00008085	WATER - SARASOTA MEMORIAL HOSPITAL	9/30/2008	18,357	-	-	-	18,357	-	-	-	-	-	-	-	-
206	00008088	VULNERABILITY ASSESS IMPROVEMENTS FY07/08	9/30/2008	24,975	-	24,975	-	-	-	-	-	-	-	-	-	-
207	00008098	EMERGENCY WATER INTERCONNECT FY07/08	9/30/2008	22,334	-	22,334	-	-	-	-	-	-	-	-	-	-
208	00008100	WATER - MIDDLE SCHOOL "E-E"	9/30/2008	229,000	-	-	-	229,000	-	-	-	-	-	-	-	-
209	00008100	WATER LINE CHANGES	9/30/2008	4,790	-	-	-	4,790	-	-	-	-	-	-	-	-
210	00008102	WATER - LOWES	9/30/2008	170,507	-	-	-	170,507	-	-	-	-	-	-	-	-
211	00008264	INTERCONNECT WITH SARASOTA CNTY FY08/09	9/24/2009	110,691	-	110,691	-	-	-	-	-	-	-	-	-	-
212	00008266	NE BOOSTER PUMP STATION UPGRADES FY08/09	9/24/2009	773,960	-	-	773,960	-	-	-	-	-	-	-	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Reel.	Transmission	Collection & Direct Reel.		
213	00008267	NE BOOSTER STATION DESIGN FY08/09	9/24/2009	49,062	-	-	49,062	-	-	-	-	-	-	-	-	-
214	00008268	SUMTER BLVD. WIDE DES OVER FY08/09	9/24/2009	53,125	-	-	53,125	-	-	-	-	-	-	-	-	-
215	00008269	TOLEDO BLADE WIDE DES OVER FY08/09	9/24/2009	28,299	-	-	28,299	-	-	-	-	-	-	-	-	-
216	00008315	SCADA RTU, CHARLOTTE COUNTY INTERCONNECT	9/30/2009	9,215	-	-	9,215	-	-	-	-	-	-	-	-	-
217	00008316	SCADA RTU, PEACE RIVER INTERCONNECT	9/30/2009	9,215	9,215	-	-	-	-	-	-	-	-	-	-	-
218	00008322	AQUA STORAGE RECOVERY WELL FY08/09	9/30/2009	1,704,588	-	1,704,588	-	-	-	-	-	-	-	-	-	-
219	00008323	WATER TRANS RELOC & REPAIR FY08/09	9/30/2009	30,756	-	-	30,756	-	-	-	-	-	-	-	-	-
220	00008323	WATER TRANS RELOC & REPAIR FY09/10 U08WTR	9/30/2010	3,349	-	-	3,349	-	-	-	-	-	-	-	-	-
221	00008323	WATER TRANS, RELOC, REPAIR FY09/10 U10WTR	9/30/2010	56,307	-	-	56,307	-	-	-	-	-	-	-	-	-
222	00008323	WATER TRANS, RELOC, REPAIR FY10/11 U11WTR	9/30/2012	81,408	-	-	81,408	-	-	-	-	-	-	-	-	-
223	00008326	WATER - ELEMENTARY "T" FY08/09 ATWATER	9/30/2009	35,270	-	-	-	35,270	-	-	-	-	-	-	-	-
224	00008326	CNTY REL PROJ WATER OVER FY08/09 ATWATER	9/30/2009	7,305	-	-	-	7,305	-	-	-	-	-	-	-	-
225	00008328	WATER - ISLANDWALK AT THE WEST VILLAGES PHASE 1C	9/30/2009	197,073	-	-	-	197,073	-	-	-	-	-	-	-	-
226	00008334	WATER - NORTH PORT MEDICAL PARK	9/30/2009	9,850	-	-	-	9,850	-	-	-	-	-	-	-	-
227	00008514	WATER ENHANCEMENT PROJECT	9/30/2010	380,960	-	380,960	-	-	-	-	-	-	-	-	-	-
228	00008515	WATER TRANSMISSION RELO	9/30/2010	491,351	-	-	491,351	-	-	-	-	-	-	-	-	-
229	00008516	NE BOOSTER ADD AND WA TAN U06PSW & U08NBS	9/30/2010	904,101	-	-	904,101	-	-	-	-	-	-	-	-	-
230	00008517	TOLEDO BLADE WIDE OVERSIZE U07TDO & U08TBO	9/30/2010	366,387	-	-	366,387	-	-	-	-	-	-	-	-	-
231	00008518	WATER TRANS OVERSIZING U08WTO	9/30/2010	135,955	-	-	135,955	-	-	-	-	-	-	-	-	-
232	00008518	WATER TRANS OVERSIZING U09WTO	9/30/2010	1,896	-	-	1,896	-	-	-	-	-	-	-	-	-
233	00008518	WATER TRANS OVERSIZING U10WTO	9/30/2010	41,978	-	-	41,978	-	-	-	-	-	-	-	-	-
234	00008518	WATER TRANS OVERSIZING U13WTO	9/30/2013	50,000	-	-	50,000	-	-	-	-	-	-	-	-	-
235	00008519	WATER TRANSMIT & RELOCATION U07WTR	9/30/2010	618,338	-	-	618,338	-	-	-	-	-	-	-	-	-
236	00008570	WATER - ISLANDWALK AT WEST VILLAGES MODEL CENTER	9/30/2010	57,436	-	-	-	57,436	-	-	-	-	-	-	-	-
237	00008572	WATER - COCOPUM VILLAGE SHOPS	9/30/2010	240,529	-	-	-	240,529	-	-	-	-	-	-	-	-
238	00008781	WATER - MORGAN CENTER	9/30/2011	22,066	-	-	-	22,066	-	-	-	-	-	-	-	-
239	00008783	WATER - ATWATER COMMUNITY PARK	9/30/2011	100,553	-	-	-	100,553	-	-	-	-	-	-	-	-
240	00009029	WATER - FLEET FACILITY 2012	4/23/2012	69,595	-	-	-	69,595	-	-	-	-	-	-	-	-
241	00009044	WATER - ISLANDWALK PHASES 2B & 2C	4/24/2012	216,841	-	-	-	216,841	-	-	-	-	-	-	-	-
242	00009221	PRM INTAKE STRUCTURE COCO (U07ISC)	9/30/2012	876,936	-	876,936	-	-	-	-	-	-	-	-	-	-
243	00009640	WATER - ISLAND WALK PHASE 2D-2E	9/30/2013	251,072	-	-	-	251,072	-	-	-	-	-	-	-	-
244	00009642	WATER - HERON CREEK PLACE PHASE 1	9/30/2013	185,097	-	-	-	185,097	-	-	-	-	-	-	-	-
245	00009642	WATER - HERON CREEK PLACE PHASES 1B & 1C	12/15/2015	81,110	-	-	-	81,110	-	-	-	-	-	-	-	-
246	00009673	WATER TRANS SVC IMP/EXTENTION CITY HALL U12WTI	9/30/2013	32,538	-	-	32,538	-	-	-	-	-	-	-	-	-
247	00009674	NORTHWEST TRANS LOOP II WATER TRANS SVC IMP	9/30/2013	630,461	-	-	630,461	-	-	-	-	-	-	-	-	-
248	00009700	WATER - HOSPITAL ROAD EXTENTION	10/1/2012	116,628	-	-	-	116,628	-	-	-	-	-	-	-	-
249	00009701	GATOR, 2013 JOHN DEERE TX	1/7/2014	8,390	-	-	-	8,390	-	-	-	-	-	-	8,390	-
250	00009810	WATER - WEST VILLAGES IMP DIST HOSPITAL RD EXT	12/1/2013	155,222	-	-	-	155,222	-	-	-	-	-	-	-	-
251	00009812	WATER - ISLANDWALK PHASES 2F	11/7/2013	62,424	-	-	-	62,424	-	-	-	-	-	-	-	-
252	00009867	TRUCK, 2014 FORD ESCAPE	2/27/2014	18,818	-	-	-	18,818	-	-	-	-	-	-	-	18,818
253	00009883	TRUCK, 2014 FORD F150	4/3/2014	19,218	-	-	-	19,218	-	-	-	-	-	-	-	19,218
254	00010025	GENERATOR FUEL TANK	2/18/2014	38,307	-	38,307	-	-	-	-	-	-	-	-	-	-
255	00010026	CIP SYSTEM	6/12/2014	44,000	-	44,000	-	-	-	-	-	-	-	-	-	-
256	00010027	CONTROL PANEL - CP100	6/12/2014	42,000	-	42,000	-	-	-	-	-	-	-	-	-	-
257	00010028	WELL SITE #1	6/12/2014	88,650	88,650	-	-	-	-	-	-	-	-	-	-	-
258	00010028	PUMP, GOULDS WITH FRANKLIN 50HP MOTOR	11/30/2016	12,303	12,303	-	-	-	-	-	-	-	-	-	-	-
259	00010029	WELL SITE #2	6/12/2014	88,650	88,650	-	-	-	-	-	-	-	-	-	-	-
260	00010029	WELL SITE #2 WELL PUMP/MOTOR	1/17/2018	12,303	12,303	-	-	-	-	-	-	-	-	-	-	-
261	00010030	WELL SITE #3	6/12/2014	115,150	115,150	-	-	-	-	-	-	-	-	-	-	-
262	00010030	MOTOR, FRANKLIN 50 HP 460 VOLT	3/3/2017	6,270	6,270	-	-	-	-	-	-	-	-	-	-	-
263	00010030	PUMP, GOULDS	3/3/2017	6,033	6,033	-	-	-	-	-	-	-	-	-	-	-
264	00010031	WELL SITE #4	6/12/2014	127,150	127,150	-	-	-	-	-	-	-	-	-	-	-
265	00010032	WELL SITE #5	6/12/2014	88,650	88,650	-	-	-	-	-	-	-	-	-	-	-
266	00010032	PUMP, GOULDS WITH FRANKLIN 50HP MOTOR	11/29/2016	12,303	12,303	-	-	-	-	-	-	-	-	-	-	-
267	00010033	WELL SITE #6	6/12/2014	127,150	127,150	-	-	-	-	-	-	-	-	-	-	-
268	00010034	GENERATOR CUMMINS	6/12/2014	337,565	-	337,565	-	-	-	-	-	-	-	-	-	-
269	00010034	GENERATOR CONSTRUCTION - FOUNDATION	9/30/2015	39,750	-	39,750	-	-	-	-	-	-	-	-	-	-
270	00010035	TRANSFER SWITCH, GENERATOR AUTOMATIC	6/12/2014	19,722	-	19,722	-	-	-	-	-	-	-	-	-	-
271	00010036	RO SKID #1	6/12/2014	218,750	-	218,750	-	-	-	-	-	-	-	-	-	-
272	00010036	FEED PUMP #1, REVERSE OSMOSIS	6/12/2014	107,000	-	107,000	-	-	-	-	-	-	-	-	-	-
273	00010036	BOOSTER PUMP, RO SKID #1 INTERSTAGE	6/12/2014	35,000	-	35,000	-	-	-	-	-	-	-	-	-	-
274	00010036	CARTRIDGE FILTER VESSEL #1	6/12/2014	30,000	-	30,000	-	-	-	-	-	-	-	-	-	-
275	00010036	SAMPLE PANEL SKID #1	6/12/2014	3,500	-	3,500	-	-	-	-	-	-	-	-	-	-
276	00010036	PLC PANEL W/OPERATOR INTERFACE	6/12/2014	65,000	-	65,000	-	-	-	-	-	-	-	-	-	-
277	00010036	TRANSMITTER PANEL, RO SKID #1	6/12/2014	16,950	-	16,950	-	-	-	-	-	-	-	-	-	-
278	00010037	RO SKID #2	6/13/2014	218,750	-	218,750	-	-	-	-	-	-	-	-	-	-
279	00010037	FEED PUMP #2, REVERSE OSMOSIS	6/13/2014	107,000	-	107,000	-	-	-	-	-	-	-	-	-	-
280	00010037	BOOSTER PUMP, RO SKID #2 INTERSTAGE	6/13/2014	35,000	-	35,000	-	-	-	-	-	-	-	-	-	-
281	00010037	CARTRIDGE FILTER VESSEL #2	6/13/2014	30,000	-	30,000	-	-	-	-	-	-	-	-	-	-
282	00010037	SAMPLE PANEL SKID #2	6/13/2014	3,500	-	3,500	-	-	-	-	-	-	-	-	-	-
283	00010037	PLC PANEL/OPERATOR INTERFACE	6/13/2014	65,000	-	65,000	-	-	-	-	-	-	-	-	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em/Reel.	Transmission	Collection & Direct Reel.		
284	00010037	TRANSMITTER PANEL, RO SKID#2	6/13/2014	16,950	-	16,950	-	-	-	-	-	-	-	-	-	-
285	00010038	TEKLEEN BACKWASH FILTER #1	6/13/2014	25,000	-	25,000	-	-	-	-	-	-	-	-	-	-
286	00010039	TEKLEEN BACKWASH FILTER #2	6/13/2014	25,000	-	25,000	-	-	-	-	-	-	-	-	-	-
287	00010040	CAUSTIC METERING SKID #1	6/13/2014	17,500	-	17,500	-	-	-	-	-	-	-	-	-	-
288	00010041	CAUSTIC METERING SKID #2	6/13/2014	17,500	-	17,500	-	-	-	-	-	-	-	-	-	-
289	00010042	SODIUM HYPOCHLORITE METERING SKID PERMEATE	6/13/2014	17,500	-	17,500	-	-	-	-	-	-	-	-	-	-
290	00010043	SODIUM HYPOCHLORITE METERING SKID SCRUBBER	6/13/2014	8,750	-	8,750	-	-	-	-	-	-	-	-	-	-
291	00010044	SULFURIC ACID SKID #1	6/13/2014	17,500	-	17,500	-	-	-	-	-	-	-	-	-	-
292	00010045	SULFURIC ACID SKID #2	6/13/2014	8,750	-	8,750	-	-	-	-	-	-	-	-	-	-
293	00010046	MOTOR CONTROL CENTER (MCC) 101	6/13/2014	63,000	-	63,000	-	-	-	-	-	-	-	-	-	-
294	00010047	MOTOR CONTROL CENTER (MCC) B	6/13/2014	97,000	-	97,000	-	-	-	-	-	-	-	-	-	-
295	00010051	YARD/PROCESS PIPING	6/13/2014	674,500	-	674,500	-	-	-	-	-	-	-	-	-	-
296	00010052	RAW WATER FLOW MTR & BYPASS	6/13/2014	48,098	-	48,098	-	-	-	-	-	-	-	-	-	-
297	00010063	REVERSE OSMOSIS BUILDING	6/18/2014	1,847,000	-	1,847,000	-	-	-	-	-	-	-	-	-	-
298	00010063	3 TON BRIDGE CRANE	6/18/2014	25,500	-	25,500	-	-	-	-	-	-	-	-	-	-
299	00010063	ELEVATOR	6/18/2014	42,500	-	42,500	-	-	-	-	-	-	-	-	-	-
300	00010063	HVAC	6/18/2014	119,000	-	119,000	-	-	-	-	-	-	-	-	-	-
301	00010063	DRY TYPE FIRE SUPPRESSION SYSTEM	6/18/2014	64,078	-	64,078	-	-	-	-	-	-	-	-	-	-
302	00010063	LIGHTENING PROTECTION	6/18/2014	17,000	-	17,000	-	-	-	-	-	-	-	-	-	-
303	00010064	DEGASIFIER	6/18/2014	262,440	-	262,440	-	-	-	-	-	-	-	-	-	-
304	00010064	SCRUBBER #1	7/17/2014	35,000	-	35,000	-	-	-	-	-	-	-	-	-	-
305	00010064	SCRUBBER #2	7/17/2014	35,000	-	35,000	-	-	-	-	-	-	-	-	-	-
306	00010064	SCRUBBER BLOWER #1 MOTOR	7/17/2014	1,750	-	1,750	-	-	-	-	-	-	-	-	-	-
307	00010064	SCRUBBER BLOWER #2 MOTOR	7/17/2014	1,750	-	1,750	-	-	-	-	-	-	-	-	-	-
308	00010064	SCRUBBER BLOWER #3 MOTOR	7/17/2014	1,750	-	1,750	-	-	-	-	-	-	-	-	-	-
309	00010064	DEGAS & SCRUBBER CONTROL PANEL	7/17/2014	31,500	-	31,500	-	-	-	-	-	-	-	-	-	-
310	00010064	VERTICLE TURBINE PUMP #1	7/17/2014	25,000	-	25,000	-	-	-	-	-	-	-	-	-	-
311	00010064	VERTICLE TURBINE PUMP #2	7/17/2014	25,000	-	25,000	-	-	-	-	-	-	-	-	-	-
312	00010064	12" MAG METER	7/17/2014	9,000	-	9,000	-	-	-	-	-	-	-	-	-	-
313	00010064	12" MAG METER	7/17/2014	9,000	-	9,000	-	-	-	-	-	-	-	-	-	-
314	00010064	PUMP #1 12" MOTORIZED BUTTERFLY VALVE	7/17/2014	7,500	-	7,500	-	-	-	-	-	-	-	-	-	-
315	00010064	PUMP #2 12" MOTORIZED BUTTERFLY VALVE	7/17/2014	7,500	-	7,500	-	-	-	-	-	-	-	-	-	-
316	00010064	CONTROL PANEL CP-101	7/17/2014	7,500	-	7,500	-	-	-	-	-	-	-	-	-	-
317	00010064	DEGASIFIER TRANSFORMER	7/17/2014	2,500	-	2,500	-	-	-	-	-	-	-	-	-	-
318	00010065	RAW WATER TRANSMISSION MAIN	6/18/2014	300,000	-	300,000	-	-	-	-	-	-	-	-	-	-
319	00010066	CCTV SURVEILLANCE SYSTEM	6/18/2014	24,085	-	24,085	-	-	-	-	-	-	-	-	-	-
320	00010066	CCTV SURVEILLANCE SYSTEM UPGRADE & INSTALL	2/14/2017	13,176	-	13,176	-	-	-	-	-	-	-	-	-	-
321	00010238	CAUSTIC METERING SKID #3	7/17/2014	17,500	-	17,500	-	-	-	-	-	-	-	-	-	-
322	00010239	CAUSTIC METERING SKID #4	7/17/2014	17,500	-	17,500	-	-	-	-	-	-	-	-	-	-
323	00010240	CAUSTIC METERING SKID #5	7/17/2014	16,250	-	16,250	-	-	-	-	-	-	-	-	-	-
324	00010243	FEED PUMP, RO NO. 1 VFD	7/17/2014	24,000	-	24,000	-	-	-	-	-	-	-	-	-	-
325	00010244	FEED PUMP, RO NO. 2 VFD	7/17/2014	24,000	-	24,000	-	-	-	-	-	-	-	-	-	-
326	00010245	BOOST PUMP, INTERSTAGE NO. 1 VFD	7/17/2014	8,500	-	8,500	-	-	-	-	-	-	-	-	-	-
327	00010246	BOOST PUMP, INTERSTAGE NO.2 VFD	7/17/2014	8,500	-	8,500	-	-	-	-	-	-	-	-	-	-
328	00010247	ANTI SCALANT SKID	7/18/2014	17,500	-	17,500	-	-	-	-	-	-	-	-	-	-
329	00010255	SOFTWARE, ROCKWELL FACTORY TALK SERVER	7/28/2014	27,950	-	27,950	-	-	-	-	-	-	-	-	-	-
330	00010256	SOFTWARE, ROCKWELL HISTORIAN	7/28/2014	23,165	-	23,165	-	-	-	-	-	-	-	-	-	-
331	00010257	FLOWMETER, SYSTEM DISCHARGE	7/30/2014	10,000	-	10,000	-	-	-	-	-	-	-	-	-	-
332	00010258	FLOWMETER, SYSTEM DISCHARGE	7/30/2014	10,000	-	10,000	-	-	-	-	-	-	-	-	-	-
333	00010275	PUMP, FLYGT MODEL CP-3127.181 VOLUTE SUBMERSIBLE	6/17/2014	6,359	-	6,359	-	-	-	-	-	-	-	-	-	-
334	00010337	WATER - ISLANDWALK PHASE 2D	1/21/2014	44,543	-	-	-	-	-	-	-	-	-	-	44,543	-
335	00010339	WATER - ISLANDWALK PHASE 2G	1/21/2014	64,263	-	-	-	-	-	-	-	-	-	-	64,263	-
336	00010341	ACTUATOR, AUMA ACQ NORTHPORT 4586 SG05.1	7/10/2014	7,534	-	7,534	-	-	-	-	-	-	-	-	-	-
337	00010443	WATER - ISLANDWALK "N & O"	10/1/2014	108,650	-	-	-	-	-	-	-	-	-	-	108,650	-
338	00010446	WATER - ISLANDWALK 2J	10/1/2014	46,382	-	-	-	-	-	-	-	-	-	-	46,382	-
339	00010448	WATER - ISLANDWALK 2K	10/1/2014	39,014	-	-	-	-	-	-	-	-	-	-	39,014	-
340	00010450	WATER - ISLANDWALK M	10/1/2014	35,347	-	-	-	-	-	-	-	-	-	-	35,347	-
341	00010452	WATER - ISLANDWALK M (1C)	10/1/2014	72,283	-	-	-	-	-	-	-	-	-	-	72,283	-
342	00010496	POLE CAMERA, PTZ	12/12/2014	5,659	-	-	-	-	-	-	-	-	-	-	-	-
343	00010556	WATER - GRAN PARADISO COACH HOMES 1	3/20/2015	235,301	-	-	-	-	-	-	-	-	-	-	235,301	-
344	00010724	WATER - TALON BAY RAPTOR COURT	6/1/2015	25,968	-	-	-	-	-	-	-	-	-	-	25,968	-
345	00011044	LIGHTING, UTILITIES WATER PLANT LED (U15WPL)	7/23/2015	22,665	-	22,665	-	-	-	-	-	-	-	-	-	-
346	00011044	LIGHTING, UTILITIES WATER PLANT LED FY15/16	9/30/2016	12,790	-	12,790	-	-	-	-	-	-	-	-	-	-
347	00011097	WATER - ISLANDWALK PHASE 3	11/10/2015	356,286	-	-	-	-	-	-	-	-	-	-	356,286	-
348	00011101	AQUIFER, STORAGE AND RECOVERY (U08ASR)	9/30/2015	322,671	-	-	322,671	-	-	-	-	-	-	-	-	-
349	00011101	AQUIFER, STORAGE AND REC (U15ASR) TEMP FACILITY	9/30/2016	379,028	-	-	379,028	-	-	-	-	-	-	-	-	-
350	00011101	AQUIFER, STORAGE AND REC(U15ASR)TEMP FACILITY FY17	9/30/2017	151,491	-	-	151,491	-	-	-	-	-	-	-	-	-
351	00011103	WATER TRANS SRVC IMP/EXTENSION GLENALLEN (U12WTI)	9/30/2015	132,670	-	-	132,670	-	-	-	-	-	-	-	-	-
352	00011103	WATER TRANS IMPROV - GLENALLEN (U12WTI) FY17	9/30/2017	9,768	-	-	9,768	-	-	-	-	-	-	-	-	-
353	00011114	DUCTWORK, DEGASIFIER ODOR CONTROL (JAWS ODP)	9/30/2015	66,500	-	66,500	-	-	-	-	-	-	-	-	-	-
354	00011115	RO CONCENTRATE LINE	9/30/2015	110,000	-	110,000	-	-	-	-	-	-	-	-	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Recl.	Transmission	Collection & Direct Recl.		
355	00011116	FORCE MAIN RELOCATION	9/30/2015	170,000	-	-	-	-	-	-	-	-	170,000	-	-	-
356	00011117	PROJECT ELECTRICAL WORK	9/30/2015	856,500	-	856,500	-	-	-	-	-	-	-	-	-	-
357	00011118	PROJECT SITE WORK & UTILITIES	9/30/2015	474,250	-	474,250	-	-	-	-	-	-	-	-	-	-
358	00011119	MOBILIZATION & DEMOBILIATION	9/30/2015	435,460	-	435,460	-	-	-	-	-	-	-	-	-	-
359	00011120	CONTROL PANELS, COMPUTERS & MONITORS (ODP)	9/30/2015	167,657	-	167,657	-	-	-	-	-	-	-	-	-	-
360	00011121	PLANT EXPANSION PHASE 1 - U08PEI	9/30/2015	3,260,648	-	3,260,648	-	-	-	-	-	-	-	-	-	-
361	00011128	WATER - WALMART NEIGHBORHOOD MARKET #7221	12/22/2015	43,590	-	-	-	43,590	-	-	-	-	-	-	-	-
362	00011204	WATER - ISLANDWALK PHASE 3 ALAFAYA STREET	7/31/2016	73,594	-	-	-	73,594	-	-	-	-	-	-	-	-
363	00011232	VFD, 50HP	8/7/2016	7,503	-	7,503	-	-	-	-	-	-	-	-	-	-
364	00011233	VFD, 50HP	8/7/2016	7,503	-	7,503	-	-	-	-	-	-	-	-	-	-
365	00011234	VFD, 50HP	8/7/2016	7,503	-	7,503	-	-	-	-	-	-	-	-	-	-
366	00011235	VFD, 50HP	8/7/2016	7,503	-	7,503	-	-	-	-	-	-	-	-	-	-
367	00011236	VFD, 50HP	8/7/2016	7,503	-	7,503	-	-	-	-	-	-	-	-	-	-
368	00011237	VFD, 50HP	8/7/2016	7,503	-	7,503	-	-	-	-	-	-	-	-	-	-
369	00011243	SKID, ALUM PUMP	11/1/2016	30,523	-	30,523	-	-	-	-	-	-	-	-	-	-
370	00011244	BACKFLOW, 10" WILKINS 3750SY	4/26/2016	5,341	-	-	-	5,341	-	-	-	-	-	-	-	-
371	00011274	CLARIFIER 2 REHAB - U08PEI	9/30/2016	253,929	-	253,929	-	-	-	-	-	-	-	-	-	-
372	00011293	WATER - ISLANDWALK PHASE 1D	12/14/2016	88,740	-	-	-	88,740	-	-	-	-	-	-	-	-
373	00011321	WATER - TOLEDO CREEK	3/8/2017	92,482	-	-	-	92,482	-	-	-	-	-	-	-	-
374	00011323	WATER - TUSCOLA COMMONS PHASES 1, 2 & 3	3/8/2017	168,725	-	-	-	168,725	-	-	-	-	-	-	-	-
375	00011334	WATER - THE RENAISSANCE: PHASE 1	3/21/2017	299,360	-	-	-	299,360	-	-	-	-	-	-	-	-
376	00011344	WATER - ISLANDWALK PHASE 4A PARTIAL	3/30/2017	387,867	-	-	-	387,867	-	-	-	-	-	-	-	-
377	00011350	VALVE, ACTUATING ELECTRONIC (AUMA)	4/11/2017	5,146	-	5,146	-	-	-	-	-	-	-	-	-	-
378	00011398	WATER TRANSMISSION IMPROV - CHESEBRO	9/30/2017	253,404	-	-	253,404	-	-	-	-	-	-	-	-	-
379	00011399	WATER TRANSMISSION IMPROV - ITALY	9/30/2017	181,686	-	-	181,686	-	-	-	-	-	-	-	-	-
380	00011406	NEIGHBORHOOD EXPANSION AREA 1 (28.3)	9/30/2017	846,953	-	-	-	846,953	-	-	-	-	-	-	-	-
381	00011407	NEIGHBORHOOD EXPANSION AREA 2 (28.2)	9/30/2017	1,354,951	-	-	-	1,354,951	-	-	-	-	-	-	-	-
382	00011408	WATER TRANSMISSION IMPROV - CRANBERRY COCOPULUM	9/30/2017	109,438	-	-	109,438	-	-	-	-	-	-	-	-	-
383	00011445	FORKLIFT, 2011 USED CATERPILLAR MODEL 2P5000LP	12/19/2017	19,250	-	-	-	-	-	-	-	-	-	-	19,250	-
384	00011445	PRE DEL INSP/DECALS	1/4/2018	153	-	-	-	-	-	-	-	-	-	-	153	-
385	00011449	WATER TRANS RELO & RPR CRANBERRY & 41 WIDENING	9/30/2017	17,366	-	17,366	-	-	-	-	-	-	-	-	-	-
386	00011451	AMMONIA SKID, PROMINENT PUMP	12/15/2017	15,722	-	15,722	-	-	-	-	-	-	-	-	-	-
387	00011452	AMMONIA SKID, PROMINENT PUMP	12/15/2017	15,722	-	15,722	-	-	-	-	-	-	-	-	-	-
388	00011476	WATER - CYPRESS FALLS PHASE 2A	12/8/2017	65,276	-	-	-	65,276	-	-	-	-	-	-	-	-
389	00011478	ANALYZER, HACH MONOCHLORAMINE	10/26/2017	23,005	-	23,005	-	-	-	-	-	-	-	-	-	-
390	00011479	ANALYZER, CL10 TOTAL CHLORINE	10/26/2017	5,487	-	5,487	-	-	-	-	-	-	-	-	-	-
391	00011480	ANALYZER, CL10 FREE CHLORINE	10/26/2017	5,487	-	5,487	-	-	-	-	-	-	-	-	-	-
392	00011481	ANALYZER, CL10 FREE CHLORINE	10/26/2017	5,487	-	5,487	-	-	-	-	-	-	-	-	-	-
393	00011482	AMMONIUM PUMP SKID BLUE PLANET TRIPLEX	10/26/2017	24,399	-	24,399	-	-	-	-	-	-	-	-	-	-
394	00011483	AMMONIUM SULFATE CHEMICAL TANK	10/26/2017	5,035	-	5,035	-	-	-	-	-	-	-	-	-	-
395	00011484	AMMONIUM SULFATE CHEMICAL TANK 2	10/26/2017	5,035	-	5,035	-	-	-	-	-	-	-	-	-	-
396	00011485	AMMONIA SYST UPGRADE-CHEMICAL FEED IMP	1/15/2018	326,266	-	326,266	-	-	-	-	-	-	-	-	-	-
397	00011527	VALVE, ELECTRONIC ACTUATING (AUMA)	1/19/2018	5,146	-	5,146	-	-	-	-	-	-	-	-	-	-
398	00011528	FLOW METER, SITRANS MAGNETIC 18IN	1/29/2018	6,521	-	6,521	-	-	-	-	-	-	-	-	-	-
399	00011539	WATER- 2401 COMMERCE PARKWAY	4/2/2018	68,400	-	-	-	68,400	-	-	-	-	-	-	-	-
400	00011540	WATER- WEST VILLAGES OASIS PHASE 1	3/28/2018	227,829	-	-	-	227,829	-	-	-	-	-	-	-	-
401	00011543	WATER-CYPRESS FALLS PHASE 2C	4/26/2018	102,238	-	-	-	102,238	-	-	-	-	-	-	-	-
402	00011559	WATER- GRAN PARADISO, COACH HOMES-2	6/20/2018	267,906	-	-	-	267,906	-	-	-	-	-	-	-	-
403	00011560	WATER-GRAN PARADISO, PH7A	6/20/2018	140,607	-	-	-	140,607	-	-	-	-	-	-	-	-
404	00011607	WATER- GRAN PARADISO, PH 5B-1	10/9/2018	57,679	-	-	-	57,679	-	-	-	-	-	-	-	-
405	00011626	WATER- GRAN PARADISO PH5B-1	9/28/2018	57,679	-	-	-	57,679	-	-	-	-	-	-	-	-
406	00011658	WATER TREATMENT PLANT- PLANT MAIN UPSIZE (U13WPP)	9/30/2018	536,790	-	536,790	-	-	-	-	-	-	-	-	-	-
407	00011659	WATER PIZE OVERSIZE- NORTH PORT BLVD (U15WT2)	9/30/2018	473,840	-	-	473,840	-	-	-	-	-	-	-	-	-
408	00001725	BLDG/ADDITION TO CARPENTER SHOP	4/12/1996	6,038	-	-	-	-	-	-	6,038	-	-	-	-	-
409	00001725	LOCKER/BREAKROOM	7/23/2013	19,700	-	-	-	-	-	-	19,700	-	-	-	-	-
410	00002105	WASTEWATER COLLECT SYS/SEWER LINE EXTENSION	12/8/1992	6,537	-	-	-	-	-	-	-	-	6,537	-	-	-
411	00002107	WASTEWATER COLLECT SYS/SEWER LINE EXTENSION	12/8/1992	162,311	-	-	-	-	-	-	-	-	162,311	-	-	-
412	00002108	WASTEWATER COLLECT SYS/SEWER LINE EXTENSION	12/8/1992	44,002	-	-	-	-	-	-	-	-	44,002	-	-	-
413	00002109	WASTEWATER COLLECT SYS/SEWER LINE EXTENSION	12/8/1992	137,962	-	-	-	-	-	-	-	-	137,962	-	-	-
414	00002110	WASTEWATER COLLECT SYSTEM	12/8/1992	41,871	-	-	-	-	-	-	-	-	41,871	-	-	-
415	00002111	WASTEWATER COLLECT SYS/37&41ST ADDITIONS	12/8/1992	228,264	-	-	-	-	-	-	-	-	228,264	-	-	-
416	00002113	WASTEWATER COLLECT SYS/ENGINEERING DESIGN	12/8/1992	8,577	-	-	-	-	-	-	-	-	8,577	-	-	-
417	00002115	WASTEWATER COLLECT SYS/SEWER LINE EXTENSION	12/8/1992	77,069	-	-	-	-	-	-	-	-	77,069	-	-	-
418	00002116	WASTEWATER COLLECT SYS/SEWER COLLECTION SYS	12/8/1992	2,090,608	-	-	-	-	-	-	-	2,090,608	-	-	-	-
419	00002116	2016 LIFT STATION REHAB	8/17/2017	49,015	-	-	-	-	-	-	-	-	49,015	-	-	-
420	00002116	LIFT STATION REHAB PROGRAM - U15LSR	8/17/2017	4,711	-	-	-	-	-	-	-	-	4,711	-	-	-
421	00002116	LIFT STATION REHAB LIFT STATION 31- U17LSR	8/17/2017	3,655	-	-	-	-	-	-	-	-	3,655	-	-	-
422	00002116	LIFT STATION REHAB LIFT STATION 22 U17LSR FY17	9/18/2017	30,749	-	-	-	-	-	-	-	-	30,749	-	-	-
423	00002117	WASTEWATER COLLECT SYS/4646 LF 8" SEWER MAIN	12/8/1992	80,117	-	-	-	-	-	-	-	-	80,117	-	-	-
424	00002118	WASTEWATER COLLECT SYS/SEWER SYSTEM	12/8/1992	53,472	-	-	-	-	-	-	-	-	53,472	-	-	-
425	00002119	WASTEWATER COLLECT SYS/8" SEWER MAIN	12/8/1992	209,048	-	-	-	-	-	-	-	-	209,048	-	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Recl.	Transmission	Collection & Direct Recl.		
426	00002129	LIFT STATION "E" UPGRADE	9/7/1994	31,643	-	-	-	-	-	-	-	-	-	31,643	-	-
427	00002129	LIFT STATION #23 UPGRADED FY12/13	9/30/2013	16,451	-	-	-	-	-	-	-	-	-	16,451	-	-
428	00002136	LIFT STATION #19-A, ES HIGHWAY DRIVE BISCAYNE PL	12/8/1992	82,414	-	-	-	-	-	-	-	-	82,414	-	-	
429	00002161	WW TREATMENT PLANT/EXPANSION TO 1.5 MGD	12/8/1992	2,157,511	-	-	-	-	-	-	2,157,511	-	-	-	-	-
430	00002161	SOFT START FOR BLOWER	2/16/2017	6,312	-	-	-	-	-	-	6,312	-	-	-	-	-
431	00002163	WW TREATMENT PLANT/SYSTEM	12/8/1992	196,657	-	-	-	-	-	-	196,657	-	-	-	-	-
432	00002164	STRUCTURE AND IMPROVEMENTS	12/8/1992	15,337	-	-	-	-	-	-	15,337	-	-	-	-	-
433	00002166	WWTP GOLF COURSE IRRIGATION	12/8/1992	965,491	-	-	-	-	-	-	-	965,491	-	-	-	-
434	00002174	GOLF COURSE - IMPROVEMENTS	12/8/1992	67,459	-	-	-	-	-	-	-	67,459	-	-	-	-
435	00002175	DIW ENGINEERING	12/8/1992	313,085	-	-	-	-	-	-	313,085	-	-	-	-	-
436	00002185	SERVICES	12/8/1992	21,362	-	-	-	-	-	-	-	-	-	-	-	21,362
437	00002187	MISCELLANEOUS	12/8/1992	12,225	-	-	-	-	-	-	-	-	-	-	-	12,225
438	00002275	ADAPCO TURDLE MINI SYSTEM/2NOZ	9/21/1993	1,995	-	-	-	-	-	-	-	-	-	-	-	1,995
439	00002584	COLONY COUNTER, ELECTRONIC	1/6/1994	507	-	-	-	-	-	-	-	-	-	-	-	507
440	00002586	STERILIZER	1/6/1994	4,722	-	-	-	-	-	-	-	-	-	-	-	4,722
441	00002845	LIFT STATION #01, MYAKKA RV PARK	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
442	00002845	LIFT STATION 02/03 UPGRADES	9/8/2003	16,993	-	-	-	-	-	-	-	-	-	16,993	-	-
443	00002845	LIFT STATION UPGRADES #01	10/1/2005	20,393	-	-	-	-	-	-	-	-	-	20,393	-	-
444	00002845	LIFT STATION UPGRADES	10/1/2005	2,463	-	-	-	-	-	-	-	-	-	2,463	-	-
445	00002845	LIFT STATION #1 UPGRADES FY09/10	9/30/2010	143,036	-	-	-	-	-	-	-	-	-	143,036	-	-
446	00002848	LIFT STATION #02, LAZY RIVER ROAD	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
447	00002848	LIFT STATION #02, FY99/00 CAPITAL IMPROVEMENTS	9/13/2000	4,650	-	-	-	-	-	-	-	-	-	4,650	-	-
448	00002848	LIFT STATION #02, FY 99/00 CAPITAL IMPROVEMENTS	3/25/2000	14,500	-	-	-	-	-	-	-	-	-	14,500	-	-
449	00002848	LIFT STATION 02/03 UPGRADES	3/10/2003	803	-	-	-	-	-	-	-	-	-	803	-	-
450	00002849	LIFT STATION #03, MARTINIQUE	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
451	00002849	LIFT STATION #03, FY99/00 CAPITAL IMPROVEMENTS	9/13/2000	4,650	-	-	-	-	-	-	-	-	-	4,650	-	-
452	00002849	LIFT STATION #03, FY 99/00 CAPITAL IMPROVEMENTS	3/25/2000	14,500	-	-	-	-	-	-	-	-	-	14,500	-	-
453	00002850	LIFT STATION #04, BERMUDA WAY	5/4/1994	74,745	-	-	-	-	-	-	-	-	74,745	-	-	-
454	00002850	LIFT STATION #04, FY 99/00 CAPITAL IMPROVEMENTS	9/13/2000	4,650	-	-	-	-	-	-	-	-	4,650	-	-	-
455	00002850	LIFT STATION #04, FY 99/00 CAPITAL IMPROVEMENTS	3/25/2000	21,500	-	-	-	-	-	-	-	-	21,500	-	-	-
456	00002850	2016 LIFT STATION REHAB - U16LSR	9/21/2017	57,699	-	-	-	-	-	-	-	-	57,699	-	-	-
457	00002850	LIFT STATION REHAB PROGRAM - U15LSR	9/21/2017	5,546	-	-	-	-	-	-	-	-	5,546	-	-	-
458	00002850	LIFT STATION REHAB - U17LSR	8/30/2017	4,303	-	-	-	-	-	-	-	-	4,303	-	-	-
459	00002851	LIFT STATION #05, ISLAND POINT	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
460	00002851	LIFT STATION #05, FY 99/00 CAPITAL IMPROVEMENTS	3/25/2000	14,500	-	-	-	-	-	-	-	-	-	14,500	-	-
461	00002852	LIFT STATION #06, RIVERWALK (NATURES WAY)	5/4/1994	74,745	-	-	-	-	-	-	-	-	74,745	-	-	-
462	00002852	LIFT STATION 02/03 UPGRADES	9/30/2003	3,198	-	-	-	-	-	-	-	-	-	3,198	-	-
463	00002853	LIFT STATION #07, LANDESDGE	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
464	00002853	LIFT STATION 02/03 UPGRADES	9/30/2003	4,100	-	-	-	-	-	-	-	-	-	4,100	-	-
465	00002854	LIFT STATION #08, PIRATES POINTE	5/4/1994	66,045	-	-	-	-	-	-	-	-	66,045	-	-	-
466	00002854	PUMP, SUBMERSIBLE NP463-4 20HP/420V/3PH	8/8/2017	14,525	-	-	-	-	-	-	-	-	14,525	-	-	-
467	00002855	LIFT STATION #09, TRAILORAMA	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
468	00002855	LIFT STATION 02/03 UPGRADES	9/30/2003	4,707	-	-	-	-	-	-	-	-	-	4,707	-	-
469	00002856	LIFT STATION #10, IMPERIAL (IMPERIAL)	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
470	00002856	LIFT STATION 02/03 UPGRADES	9/30/2003	21,038	-	-	-	-	-	-	-	-	-	21,038	-	-
471	00002857	LIFT STATION #11, FLEETWOOD	5/4/1994	74,745	-	-	-	-	-	-	-	-	74,745	-	-	-
472	00002857	LIFT STATION #11, FY 99/00 CAPITAL IMPROVEMENTS	9/13/2000	30,008	-	-	-	-	-	-	-	-	30,008	-	-	-
473	00002858	LIFT STATION #12, BLACKBURN	5/4/1994	74,745	-	-	-	-	-	-	-	-	74,745	-	-	-
474	00002858	LIFT STATION 02/03 UPGRADES	9/19/2003	1,633	-	-	-	-	-	-	-	-	-	1,633	-	-
475	00002859	LIFT STATION #13, NORTH PORT PAINT	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
476	00002859	LIFT STATION 02/03 UPGRADES	9/30/2003	4,916	-	-	-	-	-	-	-	-	-	4,916	-	-
477	00002860	LIFT STATION #14, BOLONIA & ELPRADO (LA CASA)	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
478	00002860	LIFT STATION #14, BOLONIA & ELPRADO FY12/13	9/30/2013	36,522	-	-	-	-	-	-	-	-	-	36,522	-	-
479	00002861	LIFT STATION #15, ALVARADO (LA CASA)	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
480	00002861	LIFT STATION #15, DUPLEX CONTROL PANEL	2/6/2018	13,995	-	-	-	-	-	-	-	-	-	13,995	-	-
481	00002862	LIFT STATION #16, SANCHEZ (LA CASA)	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
482	00002862	LIFT STATION 02/03 UPGRADES	9/30/2003	2,233	-	-	-	-	-	-	-	-	-	2,233	-	-
483	00002863	LIFT STATION #17, PINE PLAZA (STORAGE UNITS)	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
484	00002864	LIFT STATION #18, EL PRADO (LA CASA)	5/4/1994	74,745	-	-	-	-	-	-	-	-	-	74,745	-	-
485	00002864	LIFT STATION #18 FORCE MAIN	10/1/1999	5,340	-	-	-	-	-	-	-	-	5,340	-	-	-
486	00003064	PROFESSIONAL SERVICES	1/23/1995	2,753	-	-	-	-	-	-	-	-	-	-	-	2,753
487	00003064	MAIN/6" SEWER FORCE MAIN/SET UP TO CORRECT "000"	9/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-
488	00003792	BATHROOM WWTP	9/30/1997	5,526	-	-	-	-	-	-	5,526	-	-	-	-	-
489	00003803	GROBE ST AREA SEWER IMPROVEMENTS	9/30/1997	115,820	-	-	-	-	-	-	115,820	-	-	-	-	-
490	00004041	WASTEWATER PLANT IMPROVEMENTS	10/1/1997	2,500,089	-	-	-	-	-	-	2,500,089	-	-	-	-	-
491	00004041	WASTEWATER PLANT-VENT PIPE SLEEVE	11/29/1999	970	-	-	-	-	-	-	970	-	-	-	-	-
492	00004041	PIPE UPGRADES TO SOR26 PVC	12/11/2003	7,948	-	-	-	-	-	-	7,948	-	-	-	-	-
493	00004041	WASTEWATER PLANT CARPORT ENCLOSURE	12/17/2015	49,472	-	-	-	-	-	-	49,472	-	-	-	-	-
494	00004041	WASTEWATER SIDEWALK TO CARPORT ENCLOSURE	12/3/2015	1,250	-	-	-	-	-	-	1,250	-	-	-	-	-
495	00004041	WASTEWATER PLANT CARPORT PARKING PAD	2/4/2016	4,000	-	-	-	-	-	-	4,000	-	-	-	-	-
496	00004041	NEW DRIVE, COLUMN & ALIGNMENT	4/10/2017	122,775	-	-	-	-	-	-	122,775	-	-	-	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.	
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Recl.	Transmission	Collection & Direct Recl.			Indirect
497	00004041	WASTEWATER PLANT IMPR - NEW LIGHT HEADS	7/20/2017	9,146	-	-	-	-	-	-	9,146	-	-	-	-	-	-
498	00004041	MCC BUCKETS- REBUILD THE RAS	6/20/2018	31,622	-	-	-	-	-	-	31,622	-	-	-	-	-	-
499	00004041	HYCOR HELIPRESS SHAFTLESS SPRIAL DEWATERING PRESS	9/30/2018	29,177	-	-	-	-	-	-	29,177	-	-	-	-	-	-
500	00004042	REUSE IMPROVEMENT PROJECT	8/12/1998	657,957	-	-	-	-	-	-	-	657,957	-	-	-	-	-
501	00004043	LIFT STATION UPGRADES	9/10/1998	272,642	-	-	-	-	-	-	-	-	52,050	220,592	-	-	-
502	00004063	FORCE MAINS REROUTING	9/9/1998	101,543	-	-	-	-	-	-	-	-	101,543	-	-	-	-
503	00004085	VELA AIR TRACTOR KIT W/5TH WHEEL ANGLE MOUNT	12/17/2015	3,790	-	-	-	-	-	-	-	-	-	-	-	3,790	-
504	00004242	PUMP, CONTROL PANEL (DUPLEX)-AT LIFT STATION #12	6/22/1999	5,540	-	-	-	-	-	-	-	-	-	5,540	-	-	-
505	00004313	LIFT STATION #28-J, HOLIDAY PARK PALENA BLVD	1/1/1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-
506	00004313	LIFT STATION #28-J, VALVE VAULT	10/15/1999	1,365	-	-	-	-	-	-	-	-	-	1,365	-	-	-
507	00004313	LIFT STATION #28-J, WET WELL HATCH	10/15/1999	571	-	-	-	-	-	-	-	-	-	571	-	-	-
508	00004313	LIFT STATION #28-J/CONCRETE SLAB REPLACEMENT	10/18/1999	5,755	-	-	-	-	-	-	-	-	-	5,755	-	-	-
509	00004313	LIFT STATION #28-J, DUPLEX CONTROL PANEL	2/6/2018	12,995	-	-	-	-	-	-	-	-	-	12,995	-	-	-
510	00004313	LIFT STATION #28 IMPRV FY17/18	10/1/2018	2,181	-	-	-	-	-	-	-	-	-	2,181	-	-	-
511	00004332	LIFT STATION #25-G, S. BISCAYNE (KENWOOD)	8/4/1999	248,663	-	-	-	-	-	-	-	-	248,663	-	-	-	-
512	00004332	LIFT STATION 02/03 UPGRADES	9/30/2003	6,822	-	-	-	-	-	-	-	-	-	6,822	-	-	-
513	00004332	LIFT STATION UPGRADES #25	10/1/2005	32,772	-	-	-	-	-	-	-	-	32,772	-	-	-	-
514	00004339	INFILTRATION/INFLOW LINE WORK	9/17/1999	431,525	-	-	-	-	-	-	-	-	-	431,525	-	-	-
515	00004339	INFILTRATION/INFLOW LINE WORK - FY 99/00 IMPROVMNT	5/24/2000	264,384	-	-	-	-	-	-	-	-	-	264,384	-	-	-
516	00004339	INFILTRATION/INFLOW LINE WORK - FY 00/01-01/02	7/31/2002	98,419	-	-	-	-	-	-	-	-	-	98,419	-	-	-
517	00004339	INFILTRATION/INFLOW LINE WORK - FY 01/02	7/31/2002	41,699	-	-	-	-	-	-	-	-	-	41,699	-	-	-
518	00004339	INFILTRATION/INFLOW LINE WORK 02/03	7/21/2003	34,000	-	-	-	-	-	-	-	-	-	34,000	-	-	-
519	00004456	PUMP/GORMAN RUPP	8/17/2000	2,282	-	2,282	-	-	-	-	-	-	-	-	-	-	-
520	00004484	METER/DO MDL 842 PORTABLE	6/29/2000	1,532	-	-	-	-	-	-	-	-	-	-	-	1,532	-
521	00004530	PUMP / GORMAN RUPP	8/17/2000	2,282	-	2,282	-	-	-	-	-	-	-	-	-	-	-
522	00004539	CONCRETE CURBING, ROAD, SIDEWALKS @ WWTP	8/22/2000	16,000	-	-	-	-	-	-	16,000	-	-	-	-	-	-
523	00004539	CONCRETE CURBING, ROAD, SIDEWALKS @ WWTP	3/16/2000	7,417	-	-	-	-	-	-	7,417	-	-	-	-	-	-
524	00004542	FORCE MAINS - UPSIZING OF BOBCAT TRAIL	4/14/2000	739,812	-	-	-	-	-	-	-	-	739,812	-	-	-	-
525	00004626	FLOW METER, MAG	1/31/2001	5,480	-	5,480	-	-	-	-	-	-	-	-	-	-	-
526	00004664	NARRAMORE REST UPGRADE CONTROL PANEL	12/9/2016	9,879	-	-	-	-	-	-	-	-	-	-	-	9,879	-
527	00004664	NARRAMORE REST UPGRADE PUMP MF216	12/27/2016	2,150	-	-	-	-	-	-	-	-	-	-	-	2,150	-
528	00004664	NARRAMORE REST UPGRADE PUMP MF216	12/27/2016	2,150	-	-	-	-	-	-	-	-	-	-	-	2,150	-
529	00004717	DIGESTER BLOWER ROOM-WWTP	11/14/2000	6,690	-	-	-	-	-	-	6,690	-	-	-	-	-	-
530	00004717	DIGESTER BLOWER ROOM WWTP ROOF	12/8/2017	16,450	-	-	-	-	-	-	16,450	-	-	-	-	-	-
531	00004718	INFLUENT MAIN UPSIZING	12/5/2000	603,771	-	-	-	-	-	-	603,771	-	-	-	-	-	-
532	00004855	SCRUBBER, HEDRON AIR	4/24/2002	4,950	-	-	-	-	-	-	4,950	-	-	-	-	-	-
533	00004969	TROTT CIRCLE SEWER COLLECTION SYSTEM	4/24/2002	139,329	-	-	-	-	-	-	-	-	-	139,329	-	-	-
534	00004973	FORCE MAIN - BISCAYNE BLVD (REROUTED/UPSIZED)	10/1/2001	69,633	-	-	-	-	-	-	-	-	69,633	-	-	-	-
535	00004974	LIFT STATION UPGRADES	12/31/2001	225,164	-	-	-	-	-	-	-	-	42,986	182,178	-	-	-
536	00004974	LIFT STATION UPGRADES	9/27/2002	114,339	-	-	-	-	-	-	-	-	21,828	92,510	-	-	-
537	00004986	FLORIBANNA SEWER EXTENSION	9/24/2002	1,629,706	-	-	-	-	-	-	-	-	-	1,629,706	-	-	-
538	00004987	SUMTER GARDENS SEWER EXTENSION	9/30/2002	764,654	-	-	-	-	-	-	-	-	-	764,654	-	-	-
539	00005344	PUMP STATION, B5 HEADWORKDS	7/31/2003	51,000	-	-	-	-	-	-	51,000	-	-	-	-	-	-
540	00005348	AERATION SYSTEM	9/30/2003	137,750	-	-	-	-	-	-	137,750	-	-	-	-	-	-
541	00005348	FY 2004 UPGRADES	2/25/2004	7,250	-	-	-	-	-	-	7,250	-	-	-	-	-	-
542	00005356	FILTER, #2 @ WWTP	4/30/2003	190,000	-	-	-	-	-	-	190,000	-	-	-	-	-	-
543	00005369	LIFT STATION # 33 NEW 2HP MIXER PUMP	9/30/2018	5,126	-	-	-	-	-	-	-	-	5,126	-	-	-	-
544	00005762	LIFT STATION UPGRADES FROM PROJECT U02LSU IN FY04	9/30/2004	39,578	-	-	-	-	-	-	-	-	7,556	32,022	-	-	-
545	00005763	LIFT STATION UPGRADES FROM PROJECT U03LSU IN FY04	9/30/2004	20,393	-	-	-	-	-	-	-	-	3,893	16,500	-	-	-
546	00005763	LIFT STATION UPGRADES FROM PROJECT U03LSU IN FY05	9/30/2005	2,463	-	-	-	-	-	-	-	-	470	1,993	-	-	-
547	00005764	LIFT STATION UPGRADES FROM PROJECT U04LSU IN FY04	9/30/2004	31,324	-	-	-	-	-	-	-	-	5,980	25,344	-	-	-
548	00006010	SEWER - NORTH PORT HIGH SCHOOL OFF-SITE (PRICE AVE)	5/22/2002	613,504	-	-	-	-	-	-	-	-	-	613,504	-	-	-
549	00006011	SEWER - WINN-DIXIE	1/10/1992	46,400	-	-	-	-	-	-	-	-	-	46,400	-	-	-
550	00006012	SEWER - VILLAS OF SABLE TRACE	8/17/2000	333,176	-	-	-	-	-	-	-	-	-	333,176	-	-	-
551	00006013	LIFT STATION #70 & SEWER - CRANBERRY ELEMENTARY	1/20/2004	471,260	-	-	-	-	-	-	-	-	-	471,260	-	-	-
552	00006013	PUMP, FLYGT 11 HP 460V 3PH	10/1/2016	11,485	-	-	-	-	-	-	-	-	-	11,485	-	-	-
553	00006013	PUMP, FLYGT 11 HP 460V 3PH	10/1/2016	11,485	-	-	-	-	-	-	-	-	-	11,485	-	-	-
554	00006013	2016 LIFT STATION REHAB - U16LSR	8/17/2017	43,279	-	-	-	-	-	-	-	-	-	43,279	-	-	-
555	00006013	LIFT STATION REHAB PROGRM - U15LSR	8/17/2017	4,160	-	-	-	-	-	-	-	-	794	3,366	-	-	-
556	00006013	LIFT STATION REHAB - U17LSR	8/17/2017	3,227	-	-	-	-	-	-	-	-	616	2,611	-	-	-
557	00006014	SEWER - WOODHAVEN	4/22/2002	622,812	-	-	-	-	-	-	-	-	-	622,812	-	-	-
558	00006015	SEWER - INDUSTRIAL PARK	2/25/1997	1,061,172	-	-	-	-	-	-	-	-	-	1,061,172	-	-	-
559	00006016	SEWER - TOLEDO BLADE ELEMENTARY	8/1/1995	2,114,260	-	-	-	-	-	-	-	-	-	2,114,260	-	-	-
560	00006017	SEWER - FOOD LION/NP HEALTH PARK	1/1/1994	35,776	-	-	-	-	-	-	-	-	-	35,776	-	-	-
561	00006018	SEWER - HERON CREEK DRIVE	7/29/1999	330,000	-	-	-	-	-	-	-	-	-	330,000	-	-	-
562	00006019	SEWER - HERON CREEK UNIT 1	7/26/1999	851,680	-	-	-	-	-	-	-	-	-	851,680	-	-	-
563	00006020	SEWER - CHARLESTON PARK	7/6/1998	52,338	-	-	-	-	-	-	-	-	-	52,338	-	-	-
564	00006021	SEWER - RILEY CHASE OFF-SITE	8/1/2000	5,605	-	-	-	-	-	-	-	-	-	5,605	-	-	-
565	00006022	SEWER - LAKESIDE PLANTATION	10/2/2000	925,653	-	-	-	-	-	-	-	-	-	925,653	-	-	-
566	00006023	SEWER - VILLAS OF CHARLESTON PARK	11/17/2002	423,900	-	-	-	-	-	-	-	-	-	423,900	-	-	-
567	00006024	SEWER - NORTH PORT PARK OF COMMERCE	5/15/2003	98,548	-	-	-	-	-	-	-	-	-	98,548	-	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System					Wastewater					General Plant	Other Developer Contrib.
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Recl.	Transmission	Collection & Direct Recl.		
568	00006025	SEWER - HERON CREEK TOWNE CENTRE OFF-SITE	9/25/2000	149,887	-	-	-	-	-	-	-	-	-	149,887	-	-
569	00006026	SEWER - HERON CREEK TOWNE CENTRE (DD)	9/25/2000	98,600	-	-	-	-	-	-	-	-	-	98,600	-	-
570	00006027	SEWER - HERON CREEK UNIT 7 PARCEL G	12/1/2002	160,878	-	-	-	-	-	-	-	-	-	160,878	-	-
571	00006028	SEWER - HERON CREEK UNIT 6 (F)	11/13/2003	133,408	-	-	-	-	-	-	-	-	-	133,408	-	-
572	00006029	SEWER - HERON CREEK UNIT 9 PARCEL I	2/2/2004	45,662	-	-	-	-	-	-	-	-	-	45,662	-	-
573	00006030	SEWER - HERON CREEK UNIT 8 PARCEL H	2/2/2004	305,001	-	-	-	-	-	-	-	-	-	305,001	-	-
574	00006031	SEWER - HERON CREEK UNIT 5 PARCEL E	12/1/2002	201,446	-	-	-	-	-	-	-	-	-	201,446	-	-
575	00006032	SEWER - HERON CREEK UNIT 4 (J)	4/5/2002	63,856	-	-	-	-	-	-	-	-	-	63,856	-	-
576	00006033	SEWER - HERON CREEK UNIT 2	1/4/2001	322,092	-	-	-	-	-	-	-	-	-	322,092	-	-
577	00006034	SEWER - RIVERWALK MOBILE HOME PARK	5/1/2003	35,056	-	-	-	-	-	-	-	-	-	35,056	-	-
578	00006035	SEWER - WILLOW CREEK APARTMENTS	1/22/2002	161,056	-	-	-	-	-	-	-	-	-	161,056	-	-
579	00006036	SEWER - BOBCAT TRAIL PHASE 1	9/1/1999	1,556,912	-	-	-	-	-	-	-	-	-	1,556,912	-	-
580	00006036	SEWER - EMERGENCY REPAIRS FORCE MAIN	3/24/2017	58,575	-	-	-	-	-	-	-	-	-	58,575	-	-
581	00006037	SEWER - BOBCAT VILLAS	6/12/1998	46,589	-	-	-	-	-	-	-	-	-	46,589	-	-
582	00006038	SEWER - SABLE TRACE UNIT 3	8/17/2000	179,281	-	-	-	-	-	-	-	-	-	179,281	-	-
583	00006039	SEWER - SABAL TRACE UNIT 1	9/15/1994	231,385	-	-	-	-	-	-	-	-	-	231,385	-	-
584	00006040	SEWER - TOLEDO CLUB APARTMENTS	5/13/2002	403,372	-	-	-	-	-	-	-	-	-	403,372	-	-
585	00006041	SEWER - RILEY CHASE	8/1/2000	313,356	-	-	-	-	-	-	-	-	-	313,356	-	-
586	00006042	SEWER - LINK SIDE	10/21/1997	43,856	-	-	-	-	-	-	-	-	-	43,856	-	-
587	00006043	SEWER - DUCK KEY	7/26/1996	372,724	-	-	-	-	-	-	-	-	-	372,724	-	-
588	00006044	SEWER - COCOPLUM OFF-SITE	8/2/1996	103,700	-	-	-	-	-	-	-	-	-	103,700	-	-
589	00006089	SEWER - JADE HOMES RESIDENTIAL LOTS	8/10/2005	102,087	-	-	-	-	-	-	-	-	-	102,087	-	-
590	00006091	SEWER - VILLAS AT CHARLESTON PARK PHASE 1	7/28/2005	235,645	-	-	-	-	-	-	-	-	-	235,645	-	-
591	00006093	SEWER - THE VILLAS OF SABAL TRACE PHASE 2	8/12/2005	382,648	-	-	-	-	-	-	-	-	-	382,648	-	-
592	00006094	LIFT STATION #26 UPGRADES FY17/18	10/1/2018	61,520	-	-	-	-	-	-	-	-	-	61,520	-	-
593	00006095	LIFT STATION #46 UPGRADES - PROJ U04LSU NP BLVD	9/30/2004	11,100	-	-	-	-	-	-	-	-	-	11,100	-	-
594	00006096	LIFT STATION #38 UPGRADES PROJ U04LSU WEXFORD	9/30/2004	5,970	-	-	-	-	-	-	-	-	-	5,970	-	-
595	00006097	LIFT STATION #20 UPGRADES SYDNEY RD PROJ U04LSU	9/30/2004	10,458	-	-	-	-	-	-	-	-	-	10,458	-	-
596	00006097	LIFT STATION #20 UPGRADES	10/1/2005	6,806	-	-	-	-	-	-	-	-	-	6,806	-	-
597	00006431	WATER - SEWER LINES - UPSIZING	9/30/2005	56,228	-	-	28,114	-	-	-	-	-	-	28,114	-	-
598	00006432	WWTP EXPANSION	9/30/2005	6,458,369	-	-	-	-	-	-	6,458,369	-	-	-	-	-
599	00006434	LIFT STATION, WELL REMOTE TRANSMITTER UNITS	9/30/2005	47,382	-	-	-	-	-	-	-	-	47,382	-	-	-
600	00006435	LIFT STATION UPGRADES FY05	9/30/2005	96,233	-	-	-	-	-	-	-	-	18,372	77,861	-	-
601	00006452	SEWER MAIN REPAIRS - FABIAN STREET	8/4/2005	20,046	-	-	-	-	-	-	-	-	-	20,046	-	-
602	00006550	TRANSMITTER, WELL REMOTE (LS#31)	10/1/2005	8,191	-	-	-	-	-	-	-	-	-	8,191	-	-
603	00006551	TRANSMITTER, WELL REMOTE (LS#47)	10/1/2005	8,191	-	-	-	-	-	-	-	-	8,191	-	-	-
604	00006552	TRANSMITTER, WELL REMOTE (LS#51)	10/1/2005	8,191	-	-	-	-	-	-	-	-	8,191	-	-	-
605	00006553	TRANSMITTER, WELL REMOTE (LS#70)	10/1/2005	8,191	-	-	-	-	-	-	-	-	8,191	-	-	-
606	00006554	SCADA SYSTEM, SPARE PARTS	10/1/2005	6,450	-	-	-	-	-	-	-	-	-	-	6,450	-
607	00006555	TRANSMITTER, REMOTE	10/1/2005	8,168	-	-	-	-	-	-	-	-	-	-	8,168	-
608	00006833	SEWER - TOLEDO CLUB APARTMENTS PHASE IIB	9/15/2006	28,660	-	-	-	-	-	-	-	-	-	28,660	-	-
609	00006835	SEWER - ISLANDWALK AT THE WEST VILLAGES PHASE 1A	5/15/2006	1,104,147	-	-	-	-	-	-	-	-	-	1,104,147	-	-
610	00006837	SEWER - ISLANDWALK AT THE WEST VILLAGES PHASE 1B	9/15/2006	417,438	-	-	-	-	-	-	-	-	-	417,438	-	-
611	00006840	SEWER - NORTHPORT COMMONS	8/10/2006	22,960	-	-	-	-	-	-	-	-	-	22,960	-	-
612	00006842	SEWER - NORTHPORT MARKET PLACE PHASE 2	8/10/2006	24,551	-	-	-	-	-	-	-	-	-	24,551	-	-
613	00006844	SEWER - VILLAS AT CHARLESTON PARK PHASE 1	7/28/2005	235,645	-	-	-	-	-	-	-	-	-	235,645	-	-
614	00006846	SEWER - VILLAS AT CHARLESTON PARK PHASE 2	1/23/2006	204,076	-	-	-	-	-	-	-	-	-	204,076	-	-
615	00006849	SEWER - TURNBERRY TRACE	7/15/2006	179,535	-	-	-	-	-	-	-	-	-	179,535	-	-
616	00006851	SEWER - PLANTATION BLVD. TO HABERLAND BLVD.	7/1/2006	442,358	-	-	-	-	-	-	-	-	-	442,358	-	-
617	00006853	SEWER - CYPRESS FALLS PHASE 1	7/1/2006	1,551,022	-	-	-	-	-	-	-	-	-	1,551,022	-	-
618	00006855	SEWER - CEDAR GROVE PHASE 1	7/1/2006	1,107,585	-	-	-	-	-	-	-	-	-	1,107,585	-	-
619	00006861	SEWER - TOLEDO BLADE PROFESSIONAL CENTER	4/17/2006	73,822	-	-	-	-	-	-	-	-	-	73,822	-	-
620	00006863	SEWER - VILLAS OF SABAL TRACE PHASE 2	2/15/2006	382,648	-	-	-	-	-	-	-	-	-	382,648	-	-
621	00006867	SEWER - WAL-MART SUPERCENTER	1/30/2006	343,039	-	-	-	-	-	-	-	-	-	343,039	-	-
622	00006868	SEWER - SUMTER CROSSING	1/15/2006	76,184	-	-	-	-	-	-	-	-	-	76,184	-	-
623	00006871	SEWER - SHOPPES AT HERON CREEK	1/15/2006	147,263	-	-	-	-	-	-	-	-	-	147,263	-	-
624	00006873	SEWER - HERON CREEK UNIT 12 PARCEL K	1/1/2006	46,881	-	-	-	-	-	-	-	-	-	46,881	-	-
625	00006875	SEWER - THE COLONY @ SABAL TRACE	11/15/2005	74,922	-	-	-	-	-	-	-	-	-	74,922	-	-
626	00006925	PUMP/FLYGT 20HP (LS#61)	12/7/2006	6,994	-	-	-	-	-	-	-	-	-	6,994	-	-
627	00006926	PUMP/FLYGT 20HP (LS#61)	12/7/2006	6,755	-	-	-	-	-	-	-	-	-	6,755	-	-
628	00007020	OVERSIZE LINES-DEVELOPERS PROJ# U0OVER	1/18/2006	197,381	-	-	98,691	-	-	-	-	-	98,691	-	-	-
629	00007023	PLANT EXPANSION - PROJ#U0PLEX	3/7/2006	11,900	-	-	-	-	-	-	11,900	-	-	-	-	-
630	00007030	LIFT STATION UPGRADES PROJ#U05LSU	9/21/2006	50,315	-	-	-	-	-	-	-	-	9,606	40,709	-	-
631	00007033	LS TELEMETRY-SCADA PROJ# U05WWT	7/14/2006	71,450	-	-	-	-	-	-	-	-	13,640	57,810	-	-
632	00007051	GRAVITY SAND FILTER REP PROJ# U06GSF	6/28/2006	45,661	-	-	-	-	-	-	-	45,661	-	-	-	-
633	00007051	HANDRAIL SAFETY ALUMINUM WITH STEPS	7/24/2017	24,980	-	-	-	-	-	-	-	24,980	-	-	-	-
634	00007053	WWTP EXP & NEIGHBOR EXP PROJ # U06NEP	1/24/2006	59,160	-	-	-	-	-	-	-	59,160	-	-	-	-
635	00007054	OVERSIZE-PAN FORCE MAIN PROJ #U06PFM	7/7/2006	472,096	-	-	-	-	-	-	-	-	472,096	-	-	-
636	00007058	WW TRANSMISSION, REL& OV PROJ# U06STR	8/25/2006	5,970	-	-	-	-	-	-	-	-	5,970	-	-	-
637	00007477	SCADA SYSTEM	5/16/2007	8,900	-	-	-	-	-	-	-	2,967	2,967	2,967	-	-
638	00007494	SCADA SYSTEM	5/8/2007	8,900	-	-	-	-	-	-	-	2,967	2,967	2,967	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.		
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em/Recl.	Transmission	Collection & Direct Recl.			Indirect	
639	00007495	SCADA SYSTEM	5/8/2007	8,900	-	-	-	-	-	-	-	2,967	-	2,967	2,967	-	-	-
640	00007496	SCADA SYSTEM	5/8/2007	8,900	-	-	-	-	-	-	-	2,967	-	2,967	2,967	-	-	-
641	00007497	SCADA SYSTEM	5/8/2007	8,900	-	-	-	-	-	-	-	2,967	-	2,967	2,967	-	-	-
642	00007731	SEWER - BOBCAT SQUARE	1/15/2007	31,275	-	-	-	-	-	-	-	-	-	-	31,275	-	-	-
643	00007732	SEWER - WEST VILLAGES OFFSITE WWATER FORCE MAIN	2/15/2007	1,537,758	-	-	-	-	-	-	-	-	-	-	1,537,758	-	-	-
644	00007734	SEWER - TOLEDO CLUB APARTMENTS PHASE IIC	2/15/2007	18,190	-	-	-	-	-	-	-	-	-	-	18,190	-	-	-
645	00007737	SEWER - NORTH PORT GATEWAY	6/20/2007	62,491	-	-	-	-	-	-	-	-	-	-	62,491	-	-	-
646	00007739	SEWER - SUMTER CROSSING EAST	6/26/2007	37,894	-	-	-	-	-	-	-	-	-	-	37,894	-	-	-
647	00007744	SEWER - SUMTER COMMERCE	9/15/2007	14,485	-	-	-	-	-	-	-	-	-	-	14,485	-	-	-
648	00007747	SEWER - SHOPPES AT PRICE CROSSING	9/29/2007	46,848	-	-	-	-	-	-	-	-	-	-	46,848	-	-	-
649	00007757	SEWER - TALON BAY PHASE II	1/2/2007	170,341	-	-	-	-	-	-	-	-	-	-	170,341	-	-	-
650	00007794	SEWER - OVERSIZING UPGRADE FOR LAMARQUE ELEMENTARY	11/14/2006	412,655	-	-	-	-	-	-	-	-	-	-	412,655	-	-	-
651	00007794	SEWER - SCHOOL BOARD FOR LAMARQUE ELEMENTARY	10/1/2014	319,111	-	-	-	-	-	-	-	-	-	-	319,111	-	-	-
652	00007799	LIFT STATION UPGRADES FY05-07	9/30/2007	51,391	-	-	-	-	-	-	-	-	-	9,811	41,580	-	-	-
653	00007800	LIFT STATION UPGRADES FY 06/07	9/30/2007	12,189	-	-	-	-	-	-	-	-	-	2,327	9,862	-	-	-
654	00008072	SEWER - GRAN PARADISO PHASE I	1/28/2008	1,604,025	-	-	-	-	-	-	-	-	-	-	1,604,025	-	-	-
655	00008074	SEWER - ISLANDWALK AT WEST VILLAGES PHASE 1D PRTL	1/14/2008	32,046	-	-	-	-	-	-	-	-	-	-	32,046	-	-	-
656	00008076	SEWER - PLANTATION BLVD. EXTENSION	10/22/2007	551,621	-	-	-	-	-	-	-	-	-	-	551,621	-	-	-
657	00008081	SEWER - SHOPPES AT NORTH PORT	9/30/2008	193,268	-	-	-	-	-	-	-	-	-	-	193,268	-	-	-
658	00008084	SEWER - WVID CITY OF NORTH PORT/SARASOTA CNTY INTE	8/15/2008	56,350	56,350	-	-	-	-	-	-	-	-	-	-	-	-	-
659	00008087	SEWER - CITIZEN'S PARKWAY	12/31/2007	548,547	-	-	-	-	-	-	-	-	-	-	548,547	-	-	-
660	00008089	VIDEO SURVEILLANCE SYSTEM UPGRADE FY17/18	2/14/2017	14,916	-	-	-	-	-	-	14,916	-	-	-	-	-	-	-
661	00008092	LIFT STATION #51 FY07/08 FIRE STATION 4980 CITY CN	9/30/2008	303,955	-	-	-	-	-	-	-	-	-	303,955	-	-	-	-
662	00008092	LIFT STATION #51 IMPRV FY17/18	10/1/2018	1,937	-	-	-	-	-	-	-	-	-	1,937	-	-	-	-
663	00008093	LIFT STATION UPGRADES FY07/08	9/30/2008	8,867	-	-	-	-	-	-	-	-	-	-	8,867	-	-	-
664	00008093	LIFT STATION #36 UPGRADE FY17/18	10/1/2018	15,985	-	-	-	-	-	-	-	-	-	-	15,985	-	-	-
665	00008101	SEWER - MIDDLE SCHOOL "E-E"	9/30/2008	264,000	-	-	-	-	-	-	-	-	-	-	264,000	-	-	-
666	00008101	SEWER CHANGE	9/30/2008	83,594	-	-	-	-	-	-	-	-	-	-	83,594	-	-	-
667	00008103	SEWER - LOWES	9/30/2008	11,022	-	-	-	-	-	-	-	-	-	-	11,022	-	-	-
668	00008104	LIFT STATION - LOWES	9/30/2008	13,545	-	-	-	-	-	-	-	-	-	-	13,545	-	-	-
669	00008132	SCADA SYSTEM FOR SABLE TRACE & HERON CREEK	1/16/2009	15,750	-	-	-	-	-	-	-	-	-	-	15,750	-	-	-
670	00008134	TAC PAC TCU & ASSEMBLY (LS#45)	11/13/2008	8,900	-	-	-	-	-	-	-	-	-	-	8,900	-	-	-
671	00008135	TAC PAC TCU & ASSEMBLY (LS#21)	11/13/2008	8,900	-	-	-	-	-	-	-	-	-	-	8,900	-	-	-
672	00008136	TAC PAC TCU & ASSEMBLY (LS#30)	11/13/2008	8,900	-	-	-	-	-	-	-	-	-	-	8,900	-	-	-
673	00008176	TAC PAC TCU (LS#12)	4/17/2009	9,345	-	-	-	-	-	-	-	-	-	-	9,345	-	-	-
674	00008177	TAC PAC TCU (LS#15)	4/17/2009	9,345	-	-	-	-	-	-	-	-	-	-	9,345	-	-	-
675	00008178	TAC PAC TCU (LS#53)	4/17/2009	9,345	-	-	-	-	-	-	-	-	-	-	9,345	-	-	-
676	00008179	TAC PAC TCU (LS#62)	4/17/2009	9,345	-	-	-	-	-	-	-	-	-	-	9,345	-	-	-
677	00008216	PUMP, FLYGT 6" 20HP (LS#25)	8/14/2009	10,700	-	-	-	-	-	-	-	-	-	-	10,700	-	-	-
678	00008217	PUMP, FLYGT 4" 10HP (LS#21)	8/14/2009	5,295	-	-	-	-	-	-	-	-	-	-	5,295	-	-	-
679	00008263	E. PRICE BLVD. FORCE MAIN FY08/09	9/24/2009	312,153	-	-	-	-	-	-	-	-	312,153	-	-	-	-	-
680	00008265	LIFT STATION TELEMETRY FY08/09	9/24/2009	44,500	-	-	-	-	-	-	-	-	-	8,495	36,005	-	-	-
681	00008271	UPGRADE LS 51 & 19 INC GE FY08/09	9/25/2009	325,075	-	-	-	-	-	-	-	-	-	325,075	-	-	-	-
682	00008281	FIRE STN 83 SEWER CONNECT (F1683S)	1/15/2016	23,880	-	-	-	-	-	-	-	-	-	-	23,880	-	-	-
683	00008293	LIFT STATION #30 UPGRADES KINGSLEY	9/30/2009	10,313	-	-	-	-	-	-	-	-	-	10,313	-	-	-	-
684	00008327	SEWER - ELEMENTARY "I" ATWATER	9/30/2009	378,398	-	-	-	-	-	-	-	-	-	-	378,398	-	-	-
685	00008327	CNTY RELATED SEWER OVER FY 08/09 ATWATER	9/30/2009	285,607	-	-	-	-	-	-	-	-	-	-	285,607	-	-	-
686	00008329	SEWER - ISLANDWALK AT THE WEST VILLAGES PHASE 1C	9/30/2009	259,413	-	-	-	-	-	-	-	-	-	-	259,413	-	-	-
687	00008330	LIFT STATION #88 - GRAN PARADISO A12900 RENAISSANC	9/30/2009	623,926	-	-	-	-	-	-	-	-	-	623,926	-	-	-	-
688	00008331	LIFT STATION #89 - GRAN PARADISO B RENAISSANCE BLV	9/30/2009	262,977	-	-	-	-	-	-	-	-	-	-	262,977	-	-	-
689	00008332	LIFT STATION #92 - GRAN PARADISO C BASILICA DR	9/30/2009	348,822	-	-	-	-	-	-	-	-	-	-	348,822	-	-	-
690	00008333	LIFT STATION #93 - GRAN PARADISO D PRESTIGIO BLVD	9/30/2009	224,275	-	-	-	-	-	-	-	-	-	-	224,275	-	-	-
691	00008509	SEWER TRANS RELO & REPAIR	9/30/2010	64,040	-	-	-	-	-	-	-	-	-	64,040	-	-	-	-
692	00008510	SEWER TRANSMISSION OVER	9/30/2010	61,828	-	-	-	-	-	-	-	-	-	61,828	-	-	-	-
693	00008511	PRICE MASTER PUMPING STATION	9/30/2010	21,471	-	-	-	-	-	-	-	-	-	21,471	-	-	-	-
694	00008512	E PRICE BLVD FORCE MAIN	9/30/2010	317,585	-	-	-	-	-	-	-	-	-	317,585	-	-	-	-
695	00008513	W PRICE BLVD FORCE MAIN	9/30/2010	311,277	-	-	-	-	-	-	-	-	-	311,277	-	-	-	-
696	00008571	SEWER - ISLANDWALK AT WEST VILLAGES MODEL CENTER	9/30/2010	80,633	-	-	-	-	-	-	80,633	-	-	-	-	-	-	-
697	00008573	SEWER, COCOPULM VILLAGE SHOPS	9/30/2010	310,113	-	-	-	-	-	-	310,113	-	-	-	-	-	-	-
698	00008574	WWTP EXPANSION PROJECT (U08WWE)	9/30/2010	22,681,659	-	-	-	-	-	-	22,681,659	-	-	-	-	-	-	-
699	00008574	SRF AMEND 2 CAP INTEREST	9/30/2011	7,300	-	-	-	-	-	-	7,300	-	-	-	-	-	-	-
700	00008711	W PRICE BLVD FORCE MAIN (U06WPF)	7/28/2011	66,151	-	-	-	-	-	-	-	-	-	66,151	-	-	-	-
701	00008712	SEWER TRANS RELO & REPAIR (U09STR)	7/28/2011	45,301	-	-	-	-	-	-	-	-	-	45,301	-	-	-	-
702	00008712	SEWER TRANS RELO & REPAIR (U11STR)	9/30/2012	75,000	-	-	-	-	-	-	-	-	-	75,000	-	-	-	-
703	00008713	PAN WWTP/THOMAS RCH WWTP (U06PTR)	7/28/2011	3,597,896	-	-	-	-	-	-	3,597,896	-	-	-	-	-	-	-
704	00008714	PAN AMERICAN FORCE MAIN (U06PAM)	7/28/2011	81,024	-	-	-	-	-	-	-	-	-	81,024	-	-	-	-
705	00008715	TOL BL/PRICE LIFT STATION (U06TLS)	7/28/2011	377,152	-	-	-	-	-	-	-	-	-	377,152	-	-	-	-
706	00008716	WWTP EXPANSION PROJECT (U07WWE)	7/28/2011	1,894,338	-	-	-	-	-	-	-	1,894,338	-	-	-	-	-	-
707	00008780	SEWER - MORGAN CENTER	9/30/2011	64,603	-	-	-	-	-	-	-	-	-	64,603	-	-	-	-
708	00008782	SEWER - ATWATER COMMUNITY PARK	9/30/2011	109,543	-	-	-	-	-	-	-	-	-	109,543	-	-	-	-
709	00008861	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	10/28/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Recl.	Transmission	Collection & Direct Recl.		
710	00008862	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	10/28/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
711	00008863	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	10/28/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
712	00008864	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	10/28/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
713	00008865	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	10/24/2011	23,660	-	-	-	-	-	-	-	-	-	23,660	-	-
714	00008866	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	10/24/2011	23,660	-	-	-	-	-	-	-	-	-	23,660	-	-
715	00008867	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	10/24/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
716	00008868	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	10/24/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
717	00008888	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	11/15/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
718	00008889	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	11/15/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
719	00008890	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	11/15/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
720	00008891	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	11/15/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
721	00008892	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	11/15/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
722	00008893	PUMP, ENVIROPRIME HIGH HEAD THOMPSON	11/15/2011	29,378	-	-	-	-	-	-	-	-	-	29,378	-	-
723	00009026	TANK, 2,500 GALLON SODIUM HYPOCHLORITE STORAGE	2/6/2012	10,000	-	-	-	-	-	-	10,000	-	-	-	-	-
724	00009027	TANK, 2,500 GALLON SODIUM HYPOCHLORITE STORAGE	2/6/2012	10,000	-	-	-	-	-	-	10,000	-	-	-	-	-
725	00009028	SEWER - FLEET FACILITY 2012	4/23/2012	182,767	-	-	-	-	-	-	-	-	-	182,767	-	-
726	00009043	SEWER - ISLANDWALK PHASES 2B & 2C	4/24/2012	450,915	-	-	-	-	-	-	-	-	-	450,915	-	-
727	00009220	FORCE MAIN GREENWOOD/NP BLVD U11GNP	9/30/2012	100,000	-	-	-	-	-	-	-	100,000	-	-	-	-
728	00009275	DEEP INJECTION WELL - U11DIW	9/30/2012	2,701,853	-	-	-	-	-	-	2,701,853	-	-	-	-	-
729	00009275	DEEP INJECTION WELL - U11DIW - FY12/13	9/30/2013	89,813	-	-	-	-	-	-	89,813	-	-	-	-	-
730	00009275	DEEP INJECTION WELL - U11DIW (FY13/14)	9/30/2014	28,739	-	-	-	-	-	-	28,739	-	-	-	-	-
731	00009276	SEWER TRANSMISSION RELOC - U07STR	9/30/2012	502,764	-	-	-	-	-	-	-	502,764	-	-	-	-
732	00009639	SEWER - ISLAND WALK PHASE 2D-2E	9/30/2013	297,990	-	-	-	-	-	-	-	-	-	297,990	-	-
733	00009641	SEWER - HERON CREEK PLACE PHASE I	9/30/2013	227,336	-	-	-	-	-	-	-	227,336	-	-	-	-
734	00009641	SEWER - HERON CREEK PLACE PHASES 1B & 1C	12/15/2015	4,532	-	-	-	-	-	-	-	4,532	-	-	-	-
735	00009667	REJECT WATER LINE FY12/13	9/30/2013	318,360	-	318,360	-	-	-	-	-	-	-	-	-	-
736	00009675	LIFT STATION #27 OUTREACH WAY	9/30/2013	16,530	-	-	-	-	-	-	-	-	-	16,530	-	-
737	00009811	SEWER - WEST VILLAGES IMP DIST HOSPITAL RD EXT	12/1/2013	120,640	-	-	-	-	-	-	-	-	-	120,640	-	-
738	00009813	SEWER - ISLANDWALK PHASES 2F	11/7/2013	63,518	-	-	-	-	-	-	-	-	-	63,518	-	-
739	00009899	FORCEMAIN SPRING HAVEN - U13FSH	4/11/2014	2,107,463	-	-	-	-	-	-	-	2,107,463	-	-	-	-
740	00110009	PUMP, ABS 3.2 HP MIXER (LS#60)	5/9/2014	5,841	-	-	-	-	-	-	-	-	-	5,841	-	-
741	00110015	CONTROL PANEL, DUPLEX (LS#35)	5/29/2014	8,600	-	-	-	-	-	-	-	-	-	8,600	-	-
742	00110016	PUMP, SHP230V/3PH FLYGT (LS#35)	5/27/2014	5,700	-	-	-	-	-	-	-	-	-	5,700	-	-
743	00110017	PUMP, SHP230V/3PH FLYGT (LS#35)	5/27/2014	5,700	-	-	-	-	-	-	-	-	-	5,700	-	-
744	00110020	PUMP, T4A3S-B/F SUPER T	6/5/2014	7,785	-	-	-	-	-	-	-	7,785	-	-	-	-
745	00110063	18" WATER MAIN REPAIR	9/30/2018	28,354	-	-	28,354	-	-	-	-	-	-	-	-	-
746	00110237	CONTROL PANEL, DUPLEX (LS #51)	7/10/2014	12,819	-	-	-	-	-	-	-	-	12,819	-	-	-
747	00110259	DISCHARGE CONNECTION GUIDE RAIL SYSTEM (LS#51)	6/16/2014	7,433	-	-	-	-	-	-	-	-	7,433	-	-	-
748	00110260	PUMP, FLYGHT 34HP 460V	8/1/2014	19,762	-	-	-	-	-	-	-	-	19,762	-	-	-
749	00110261	PUMP, FLYGHT 34HP 406V (LS#51)	8/1/2014	19,762	-	-	-	-	-	-	-	-	19,762	-	-	-
750	00110338	SEWER - ISLANDWALK PHASE 2D	1/21/2014	40,722	-	-	-	-	-	-	-	-	-	40,722	-	-
751	00110340	SEWER - ISLANDWALK PHASE 2G	1/21/2014	60,414	-	-	-	-	-	-	-	-	-	60,414	-	-
752	00110343	FLOWMETER, MAGNETIC 16" 5L4C4H-16K4/0	8/7/2014	8,303	-	-	-	-	-	-	8,303	-	-	-	-	-
753	00110372	RECLAIMED WATER EXPANSION (U11RWE)	9/30/2014	3,143,855	-	-	-	-	-	-	-	3,143,855	-	-	-	-
754	00110444	SEWER - ISLANDWALK "N & O"	10/1/2014	104,235	-	-	-	-	-	-	-	-	-	104,235	-	-
755	00110447	SEWER - ISLANDWALK 2J	10/1/2014	27,682	-	-	-	-	-	-	-	-	-	27,682	-	-
756	00110449	SEWER - ISLANDWALK 2K	10/1/2014	25,415	-	-	-	-	-	-	-	-	-	25,415	-	-
757	00110451	SEWER - ISLANDWALK M	10/1/2014	26,653	-	-	-	-	-	-	-	-	-	26,653	-	-
758	00110453	SEWER - ISLANDWALK M (1C)	10/1/2014	80,985	-	-	-	-	-	-	-	-	-	80,985	-	-
759	00110458	PUMP, ABS MIXER, GUIDE RAIL & CONTROL PANEL(LS#61)	11/6/2014	5,126	-	-	-	-	-	-	5,126	-	-	-	-	-
760	00110557	SEWER - GRAN PARADISO COACH HOMES 1	3/20/2015	234,248	-	-	-	-	-	-	-	-	-	234,248	-	-
761	00110690	LIFT STATION #83 - LAMARQUE ELEMENTARY	10/1/2014	205,970	-	-	-	-	-	-	-	-	-	205,970	-	-
762	00110725	SEWER - TALON BAY RAPTOR COURT	6/1/2015	30,625	-	-	-	-	-	-	-	-	-	30,625	-	-
763	00110992	VAN, 2015 FORD TRANSIT	6/26/2015	22,830	-	-	-	-	-	-	-	-	-	-	22,830	-
764	00111080	CENTRIFUGE, HILLER	9/30/2015	718,123	-	-	-	-	-	-	718,123	-	-	-	-	-
765	00111080	ADDITION OF WALLS & ROOF	5/20/2016	23,130	-	-	-	-	-	-	23,130	-	-	-	-	-
766	00111098	SEWER - ISLANDWALK PHASE 3	11/10/2015	650,091	-	-	-	-	-	-	-	-	-	650,091	-	-
767	00111099	LIFT STATION - ISLANDWALK PHASE 3	11/10/2015	235,500	-	-	-	-	-	-	-	-	-	235,500	-	-
768	00111100	RECLAIMED WATER INFRASTRUCTURE - ISLANDWALK PH 3	11/10/2015	142,560	-	-	-	-	-	-	-	142,560	-	-	-	-
769	00111101	PERMANENT FACILITIES ADDITION (U17ASR)	9/30/2018	1,383,982	-	-	1,383,982	-	-	-	-	-	-	-	-	-
770	00111102	DEWATERING MANAGEMENT SYSTEM (U11DMS)	9/30/2015	405,804	-	-	-	-	-	-	405,804	-	-	-	-	-
771	00111102	DEWATERING SYSTEM PHASE II (U15DMS)	9/30/2018	1,371,906	-	-	-	-	-	-	1,371,906	-	-	-	-	-
772	00111188	TRUCK, 2016 FORD F150 4X4	6/20/2016	23,788	-	-	-	-	-	-	-	-	-	-	23,788	-
773	00111205	SEWER - ISLANDWALK PHASE 3 ALAFAYA STREET	7/30/2016	53,325	-	-	-	-	-	-	-	-	-	53,325	-	-
774	00111219	CONTROL PANEL, DEEP INJECTION WELL	7/8/2016	14,900	-	-	-	-	-	-	14,900	-	-	-	-	-
775	00111231	CONTROL PANEL, DUPLEX WARM MINERAL SPRINGS	9/23/2016	9,879	-	-	-	-	-	-	-	-	-	-	9,879	-
776	00111231	CONTROL PANEL, WMS FLOATS & START UP	11/3/2016	1,635	-	-	-	-	-	-	-	-	-	-	1,635	-
777	00111231	PUMP, 1.5T 2.7/230/3PH MF216	11/3/2016	1,795	-	-	-	-	-	-	-	-	-	-	1,795	-
778	00111231	PUMP, 1.5T 2.7/230/3PH MF216	11/3/2016	1,795	-	-	-	-	-	-	-	-	-	-	1,795	-
779	00111231	PUMP, 1.5T 2.7/230/3PH MF216	11/3/2016	1,795	-	-	-	-	-	-	-	-	-	-	1,795	-
780	00111231	DESIGN, PERMITS, & PARTS	10/1/2016	74,014	-	-	-	-	-	-	-	-	-	-	74,014	-

Table 3-1
City of North Port, Florida
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Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.	
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	E.M./Recl.	Transmission	Collection & Direct Recl.			Indirect
781	00011231	TANK RENOVATION (WET WELL)	2/17/2017	9,792	-	-	-	-	-	-	-	-	-	-	-	9,792	-
782	00011273	RECLAIMED WATER PHASE 3 (U15RW3) APPOMATTOX DR	9/30/2016	505,205	-	-	-	-	-	-	-	505,205	-	-	-	-	-
783	00011294	SEWER - ISLANDWALK PHASE 1D	12/14/2016	93,739	-	-	-	-	-	-	-	-	-	93,739	-	-	
784	00011322	SEWER - TOLEDO CREEK	3/8/2017	79,704	-	-	-	-	-	-	-	-	-	79,704	-	-	
785	00011324	SEWER - TUSCOLA COMMONS PHASES 1, 2 & 3	3/8/2017	61,179	-	-	-	-	-	-	-	-	-	61,179	-	-	
786	00011327	CONTROL PANEL, DUPLEX NARRAMORE REST UPGRADE	12/9/2016	9,879	-	-	-	-	-	-	-	-	-	-	-	9,879	
787	00011327	PUMP, FLYGT MF216-1.5T 2.7/230/3	12/27/2016	2,150	-	-	-	-	-	-	-	-	-	-	-	2,150	
788	00011327	PUMP, FLYGT MF216 1.5T 2.7/230/3	12/27/2016	2,150	-	-	-	-	-	-	-	-	-	-	-	2,150	
789	00011327	SENSOR FOR PUMPS	12/12/2016	520	-	-	-	-	-	-	-	-	-	-	-	520	
790	00011335	SEWER - THE RENAISSANCE: PHASE 1	3/21/2017	383,414	-	-	-	-	-	-	-	-	-	383,414	-	-	
791	00011336	LIFT STATION #103 - THE RENAISSANCE PHASE 1	3/21/2017	230,000	-	-	-	-	-	-	-	-	-	230,000	-	-	
792	00011345	SEWER - ISLANDWALK PHASE 4A PARTIAL	3/30/2017	216,229	-	-	-	-	-	-	-	-	-	216,229	-	-	
793	00011373	GATOR, JOHN DEERE HPX GAS GREEN/YELLOW	7/31/2017	10,752	-	-	-	-	-	-	-	-	-	-	-	10,752	
794	00011373	PRE DELIVERY INSPECTION	8/7/2017	88	-	-	-	-	-	-	-	-	-	-	-	88	
795	00011373	LOGOS/DECALS/NUMBERS	8/8/2017	80	-	-	-	-	-	-	-	-	-	-	-	80	
796	00011394	MIXER PUMP, SULZER MODEL RW2022-S16/4	8/22/2017	5,126	-	-	-	-	-	-	5,126	-	-	-	-	-	
797	00011395	MIXER PUMP, SULZER MODEL RW2022-S16/4	8/22/2017	5,126	-	-	-	-	-	-	5,126	-	-	-	-	-	
798	00011400	FORCE MAIN RELO RPR WASTEWATER TOLEDO & CITIZENS	2/6/2017	58,575	-	-	-	-	-	-	-	-	58,575	-	-	-	
799	00011411	PUMP, FLOWSERVE W/100 HP VERTICAL MOTOR	6/30/2017	161,700	-	-	-	-	-	-	-	-	161,700	-	-	-	
800	00011412	PUMP, FLOWSERVE W/100 HP VERTICAL MOTOR	6/30/2017	161,700	-	-	-	-	-	-	-	-	161,700	-	-	-	
801	00011413	PUMP, FLOWSERVE W/100 HP VERTICAL MOTOR	6/30/2017	161,700	-	-	-	-	-	-	-	-	161,700	-	-	-	
802	00011414	FLOWMETER 10" ENDRESS & HAUSER	2/20/2017	20,319	-	-	-	-	-	20,319	-	-	-	-	-	-	
803	00011427	LIFT STATION #106 - FIRE STATION 85	9/30/2017	97,000	-	-	-	-	-	-	-	-	-	97,000	-	-	
804	00011427	LIFT STATION #106 - FS 85 FIRE PORTION DEDICATED	9/30/2017	58,034	-	-	-	-	-	-	-	-	-	58,034	-	-	
805	00011445	FORKLIFT, 2011 USED CATERPILLAR MODEL 2P5000LP	12/19/2017	19,250	-	-	-	-	-	-	-	-	-	-	-	19,250	
806	00011445	PRE DEL INSP/DECALS	1/4/2018	153	-	-	-	-	-	-	-	-	-	-	-	153	
807	00011477	SEWER - CYPRESS FALLS PHASE 2A	12/8/2017	54,980	-	-	-	-	-	-	-	-	-	54,980	-	-	
808	00011485	MYAKKAHATCHEE WTP CHEMICAL FEED IMPRV (U15WTP)	9/30/2018	55,976	-	55,976	-	-	-	-	-	-	-	-	-	-	
809	00011538	SEWER- 2401 COMMERCE PARKWAY	4/2/2018	106,956	-	-	-	-	-	-	-	-	-	106,956	-	-	
810	00011541	LIFT STATION- WEST VILLAGES OASIS PHASE 1	3/28/2018	234,500	-	-	-	-	-	-	-	-	-	234,500	-	-	
811	00011542	SEWER- WEST VILLAGES OASIS PHASE 1	3/28/2018	468,662	-	-	-	-	-	-	-	-	-	468,662	-	-	
812	00011544	SEWER-CYPRESS FALLS PHASE 2C	4/26/2018	161,932	-	-	-	-	-	-	-	-	-	161,932	-	-	
813	00011545	LIFT STATION #56, TOLEDO CLUB APTS-CONTROL PANEL	2/6/2018	12,995	-	-	-	-	-	-	-	-	-	12,995	-	-	
814	00011557	SEWER- GRAN PARADISO, COACH HOMES-2	6/20/2018	164,938	-	-	-	-	-	-	-	-	-	164,938	-	-	
815	00011558	SEWER- GRAN PARADISO, PH7A	6/20/2018	230,259	-	-	-	-	-	-	-	-	-	230,259	-	-	
816	00011561	RECLAIMED WATER PHASE 3 (U15RW3) SPRING HAVEN	6/27/2018	503,859	-	-	-	-	-	-	-	503,859	-	-	-	-	
817	00011585	LIFT STATION #34 IMPROVEMENTS	5/8/2018	25,956	-	-	-	-	-	-	-	-	-	25,956	-	-	
818	00011585	BASE PLATES (2)	12/15/2017	678	-	-	-	-	-	-	678	-	-	-	-	-	
819	00011585	FLYGT BASES (2), L.S. #34	3/20/2018	4,429	-	-	-	-	-	-	4,429	-	-	-	-	-	
820	00011606	SEWER- GRAN PARADISO, PH 5B-1	10/9/2018	81,539	-	-	-	-	-	-	-	-	-	81,539	-	-	
821	00011627	SEWER- GRAN PARADISO, PH5B-1	9/28/2018	81,539	-	-	-	-	-	-	-	-	-	81,539	-	-	
822	00011638	HYDROGRITTER, WEMCO 12FFWE-HYD	8/2/2018	80,850	-	-	-	-	-	-	80,850	-	-	-	-	-	
823	00011651	LIFT STATION # 41 IMPROVEMENTS	9/30/2018	5,126	-	-	-	-	-	-	-	-	-	5,126	-	-	
824	00011652	LIFT STATION # 76 IMPROVEMENTS	9/30/2018	5,941	-	-	-	-	-	-	-	-	-	5,941	-	-	
825	00011653	LIFT STATION # 45 IMPROVEMENTS	9/30/2018	5,126	-	-	-	-	-	-	-	-	-	5,126	-	-	
826	00002489	SUNGARD NAVILINE MOD FOR MOBILE WORKORDERS	9/23/2014	13,700	-	-	-	-	-	-	-	-	-	-	-	13,700	
827	00002577	CONTROL PANEL, ADAPCO	2/14/1994	1,995	-	-	-	-	-	-	-	-	-	-	-	1,995	
828	00002663	PASSPORT PERSONAL ALARM	3/7/1994	1,673	-	-	-	-	-	-	-	-	-	-	-	1,673	
829	00002669	PASSPORT PERSONAL ALARM	3/7/1994	1,673	-	-	-	-	-	-	-	-	-	-	-	1,673	
830	00002763	CONTROL PANEL, ADAPCO MINI INJECTOR	8/9/1994	1,500	-	-	-	-	-	-	-	-	-	-	-	1,500	
831	00002764	CONTROL PANEL, ADAPCO MINI INJECTOR	8/9/1994	1,500	-	-	-	-	-	-	-	-	-	-	-	1,500	
832	00003064	MAIN/6" SEWER FORCE MAIN	9/30/1994	36,000	-	-	-	-	-	-	-	-	-	-	-	36,000	
833	00003423	BOAT MOTOR - YAMAHA 50HP	8/2/2017	7,022	-	-	-	-	-	-	-	-	-	-	-	7,022	
834	00003519	BLDG/A/C HEAT PUMP	1/11/1999	1,800	-	-	-	-	-	-	-	-	-	-	-	1,800	
835	00003519	BLDG/COUNTER TOPS/2	3/15/1999	1,255	-	-	-	-	-	-	-	-	-	-	-	1,255	
836	00003521	WASTE WATER INFILTRATION/INFLOW IMPROVEMENTS	9/30/1996	39,102	-	-	-	-	-	-	-	-	-	39,102	-	-	
837	00004039	DISTRIBUTION SYSTEM IMPROVEMENTS	10/1/1997	861,895	-	-	111,773	750,122	-	-	-	-	-	-	-	-	
838	00004040	SUMTER WATER LINE & SEWER SLEEVE	11/19/1997	39,931	-	-	-	19,965	-	-	-	-	-	19,965	-	-	
839	00004040	SUMTER WATER MAIN & LINE DESIGN	11/19/1997	19,888	-	-	-	9,944	-	-	-	-	-	9,944	-	-	
840	00004040	SUMTER WATER & SEWER LINE SLEEVE	1/24/1999	4,437	-	-	-	2,218	-	-	-	-	-	2,218	-	-	
841	00004328	VALVE, EXERCISER (ROMAC) HYDRAULIC DRIVE	12/14/1998	5,350	-	-	-	-	-	-	-	-	-	-	-	5,350	
842	00005752	CAMERA, GRAVITY MAIN ZOOM W/LITE STICK INSPC SYS	1/14/2004	37,986	-	-	-	-	-	-	-	-	-	-	-	37,986	
843	00006013	PUMP, FLYGT 11 HP 460V 3PH	10/1/2016	11,485	-	-	-	-	-	-	-	-	-	11,485	-	-	
844	00006013	PUMP, FLYGT 11 HP 460V 3PH	10/1/2016	11,485	-	-	-	-	-	-	-	-	-	11,485	-	-	
845	00006515	CANOPY 20' X 42'	3/23/2006	16,100	-	-	-	-	-	-	-	-	-	-	-	16,100	
846	00006556	GENERATOR, TSI30T TRAILER MOUNTED	4/18/2006	38,287	-	-	-	-	-	-	-	-	-	-	-	38,287	
847	00006812	FENCING, LIFT STATION #33	7/31/2006	5,317	-	-	-	-	-	-	-	-	5,317	-	-	-	
848	00007052	WASP MOBILE INVENTORY V3 COMBO/SCANNER/SOFTWARE	2/28/2006	2,348	-	-	-	-	-	-	-	-	-	-	-	2,348	
849	00007795	INFLOW/INFILTRATION IMPROVEMENTS FY06/07	9/30/2007	195,000	-	-	-	-	-	-	-	-	-	195,000	-	-	
850	00007797	SEWER - UPGRADES FOR VARIOUS LOCATIONS FY06/07	9/30/2007	151,886	-	-	-	-	-	-	-	-	-	151,886	-	-	
851	00007798	WATER & FORCE MAIN IMPROVEMENTS FY06/07	9/30/2007	118,900	-	-	118,900	-	-	-	-	-	-	-	-	-	

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Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.	
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Recl.	Transmission	Collection & Direct Recl.			Indirect
852	00008092	3" GUIDE RAIL	3/27/2018	5,918	-	-	-	-	-	-	-	-	-	-	-	5,918	-
853	00008094	INFLOW/INFILTRATION PROGRAM FY07/08	9/30/2008	188,276	-	-	-	-	-	-	-	-	-	188,276	-	-	-
854	00008096	RESIDENTIAL METER PROGRAM FY07/08	9/30/2008	145,875	-	-	-	-	-	145,875	-	-	-	-	-	-	-
855	00008097	COMMERCIAL METERS FY07/08	9/30/2008	15,802	-	-	-	-	-	15,802	-	-	-	-	-	-	-
856	00008099	RETRO-FIT RESIDENTIAL RADIO METER FY07/08	9/30/2008	188,270	-	-	-	-	-	188,270	-	-	-	-	-	-	-
857	00008751	BUSH HOG MOWER	8/25/2011	12,400	-	-	-	-	-	-	-	-	-	-	-	12,400	-
858	00008863	TRAILER KIT	3/21/2018	2,548	-	-	-	-	-	-	-	-	-	2,548	-	-	-
859	00008867	TRAILER KIT	3/21/2018	2,548	-	-	-	-	-	-	-	-	-	2,548	-	-	-
860	00008868	TRAILER KIT	3/21/2018	2,548	-	-	-	-	-	-	-	-	-	2,548	-	-	-
861	00008893	TRAILER KIT	3/21/2018	2,548	-	-	-	-	-	-	-	-	-	2,548	-	-	-
862	00009045	TAC PAK A/B SWITCH 240V ENCLOSURE & INSTALL(LS#52)	4/26/2012	10,041	-	-	-	-	-	-	-	-	-	-	-	10,041	-
863	00009046	TAC PAK 480V ENCLOSURE TOWER & INSTALL (LS#63)	4/26/2012	10,163	-	-	-	-	-	-	-	-	-	-	-	10,163	-
864	00009048	TAC PAK TCU ENCLOSURE TOWER & INSTALLATION (LS#23)	4/26/2012	10,003	-	-	-	-	-	-	-	-	-	-	-	10,003	-
865	00009294	BACKHOE, CASE 580N	12/28/2012	59,381	-	-	-	-	-	-	-	-	-	-	-	59,381	-
866	00009326	DRILL, DIRECTIONAL VERMEER D24X40H NAVIGATOR	2/7/2013	214,710	-	-	-	-	-	-	-	-	-	-	-	214,710	-
867	00009326	VERMEER MX240 MIXING SYSTEM	2/7/2013	16,636	-	-	-	-	-	-	-	-	-	-	-	16,636	-
868	00009326	VERMEER MX240 MIXING SYSTEM	2/7/2013	16,636	-	-	-	-	-	-	-	-	-	-	-	16,636	-
869	00009326	PORTABLE FUSION SYSTEM	2/7/2013	27,770	-	-	-	-	-	-	-	-	-	-	-	27,770	-
870	00009326	FLUTED REAMER & ADAPTER SET 10", 12" & 14"	2/5/2013	9,500	-	-	-	-	-	-	-	-	-	-	-	9,500	-
871	00009326	DIGITRAK 5K LOCATING PACKAGE W/DUAL FREQUENCY	2/6/2013	17,675	-	-	-	-	-	-	-	-	-	-	-	17,675	-
872	00009343	TRAILER MOUNTED VACUUM SYSTEM, 800 GALLON	2/7/2013	31,360	-	-	-	-	-	-	-	-	-	-	-	31,360	-
873	00009650	PLOTTER, HP DESIGN JET T2300	11/22/2013	6,996	-	-	-	-	-	-	-	-	-	-	-	6,996	-
874	00009672	INFLOW & INFILTRATION FY12/13 U12I&I	9/30/2013	51,041	-	-	-	-	-	-	-	-	-	51,041	-	-	-
875	00009672	INFLOW & INFILTRATION FY13/14 U13I&I	9/30/2014	239,473	-	-	-	-	-	-	-	-	-	239,473	-	-	-
876	00009672	INFLOW & INFILTRATION FY14/15 U14I&I	9/30/2015	270,440	-	-	-	-	-	-	-	-	-	270,440	-	-	-
877	00009672	INFLOW & INFILTRATION FY15/16 U15I&I	9/30/2016	100,853	-	-	-	-	-	-	-	-	-	100,853	-	-	-
878	00009672	INFLOW & INFILTRATION FY15/16 U14I&I	9/30/2016	73,162	-	-	-	-	-	-	-	-	-	73,162	-	-	-
879	00009818	DITCH WITCH VAC SYSTEM, 2014 FX20	1/22/2014	23,950	-	-	-	-	-	-	-	-	-	-	-	23,950	-
880	00009863	TAC PAC TCU (LS#69)	2/7/2014	10,616	-	-	-	-	-	-	-	-	-	-	-	10,616	-
881	00009864	TAC PAC TCU (#65)	2/7/2014	10,616	-	-	-	-	-	-	-	-	-	-	-	10,616	-
882	00009865	TAC PAC TCU (#64)	2/7/2014	10,616	-	-	-	-	-	-	-	-	-	-	-	10,616	-
883	00009866	TAC PAC TCU (LS#54)	2/7/2014	10,616	-	-	-	-	-	-	-	-	-	-	-	10,616	-
884	00009872	TRUCK, 2014 FORD F150	3/19/2014	19,218	-	-	-	-	-	-	-	-	-	-	-	19,218	-
885	00009873	TRUCK, 2014 FORD F150	3/19/2014	19,218	-	-	-	-	-	-	-	-	-	-	-	19,218	-
886	00009874	TRUCK, 2014 FORD F150 SUPERCAB	3/19/2014	25,365	-	-	-	-	-	-	-	-	-	-	-	25,365	-
887	00009879	EXCAVATOR, 2013 CASE HYDRAULIC	3/21/2014	145,785	-	-	-	-	-	-	-	-	-	-	-	145,785	-
888	00009885	TRUCK, 2014 FORD F250	4/10/2014	27,967	-	-	-	-	-	-	-	-	-	-	-	27,967	-
889	00009897	TRUCK, 2014 FORD F250	4/22/2014	27,967	-	-	-	-	-	-	-	-	-	-	-	27,967	-
890	00009898	TRUCK, 2014 FORD F250	4/22/2014	27,967	-	-	-	-	-	-	-	-	-	-	-	27,967	-
891	00110013	TRUCK, 2014 FORD F250	5/19/2014	27,967	-	-	-	-	-	-	-	-	-	-	-	27,967	-
892	00110053	TRUCK, 2014 FORD F250	6/13/2014	27,967	-	-	-	-	-	-	-	-	-	-	-	27,967	-
893	00110224	TRUCK, 2015 FORD F550	7/3/2014	44,892	-	-	-	-	-	-	-	-	-	-	-	44,892	-
894	00110270	TRUCK, 2015 FORD F550 CRANE	8/29/2014	96,981	-	-	-	-	-	-	-	-	-	-	-	96,981	-
895	00110335	VAN, 2014 FORD TRANSIT CONNECT XL (CARGO)	9/23/2014	21,433	-	-	-	-	-	-	-	-	-	-	-	21,433	-
896	00110335	LIGHT BAR	9/23/2014	2,390	-	-	-	-	-	-	-	-	-	-	-	2,390	-
897	00110355	GPS, TRIMBLE GEO 7000 HANDHELD W/RANGEFINDER	10/10/2014	8,276	-	-	-	-	-	-	-	-	-	-	-	8,276	-
898	00110361	TRUCK, 2015 PETERBILT FLAT BED UTILITY	11/5/2014	120,695	-	-	-	-	-	-	-	-	-	-	-	120,695	-
899	00110371	CARPORT, 44' X 21'4" FREE STANDING	5/23/2014	13,918	-	-	-	6,959	-	-	-	-	-	-	-	-	-
900	00110390	WATER TRANSMISSION RELOC (U14WTR)	9/30/2014	14,750	-	-	14,750	-	-	-	-	-	-	-	-	-	-
901	00110539	TRAILER, 2015 TOWMASTER	4/2/2015	19,750	-	-	-	-	-	-	-	-	-	-	-	19,750	-
902	00110542	SHED, 24' X 30'	4/1/2015	15,600	-	-	-	-	-	-	-	-	-	-	-	15,600	-
903	00110689	TRUCK, 2015 FORD F150	5/22/2015	27,263	-	-	-	-	-	-	-	-	-	-	-	27,263	-
904	00111007	TRUCK, 2015 NISSAN FRONTIER	7/21/2015	21,047	-	-	-	-	-	-	-	-	-	-	-	21,047	-
905	00111008	TRUCK, 2015 NISSAN FRONTIER	7/21/2015	21,047	-	-	-	-	-	-	-	-	-	-	-	21,047	-
906	00111009	TRUCK, 2015 NISSAN FRONTIER	7/21/2015	21,047	-	-	-	-	-	-	-	-	-	-	-	21,047	-
907	00111046	TRUCK, 2016 PETERBILT DUMP	9/16/2015	119,991	-	-	-	-	-	-	-	-	-	-	-	119,991	-
908	00111047	TRUCK, 2016 PETERBILT DUMP	9/16/2015	100,000	-	-	-	-	-	-	-	-	-	-	-	100,000	-
909	00111065	TRUCK, 2016 FORD F550 W/MT SERIES 3 CRANE BODY	9/16/2015	138,890	-	-	-	-	-	-	-	-	-	-	-	138,890	-
910	00111071	TAC PAC & ANTENNA FOR SCADA (#35)	6/5/2015	10,828	-	-	-	-	-	-	3,609	-	3,609	3,609	-	-	-
911	00111072	TAC PAC & ANTENNA FOR SCADA (LS#48)	6/5/2015	10,720	-	-	-	-	-	-	3,573	-	3,573	3,573	-	-	-
912	00111073	TAC PAC & ANTENNA FOR SCADA (LS#49)	6/5/2015	10,720	-	-	-	-	-	-	3,573	-	3,573	3,573	-	-	-
913	00111074	TAC PAC & ANTENNA FOR SCADA (LS#50)	6/5/2015	10,720	-	-	-	-	-	-	3,573	-	3,573	3,573	-	-	-
914	00111133	METER READING DEVICE, DRIVE BY UNIT MRX920V2	1/20/2016	7,500	-	-	-	7,500	-	-	-	-	-	-	-	-	-
915	00111194	HYDROLAB	5/12/2016	9,623	-	-	-	-	-	-	-	-	-	-	-	9,623	-
916	00111197	SHED, 11' X 20' W/ROOF UP DOOR	7/22/2016	5,640	-	-	-	-	-	-	-	-	-	-	-	5,640	-
917	00111199	TRUCK, 2016 FORD F550 4X4	8/9/2016	140,770	-	-	-	-	-	-	-	-	-	-	-	140,770	-
918	00111200	TRUCK, 2016 FORD F350 4X4	8/9/2016	39,869	-	-	-	-	-	-	-	-	-	-	-	39,869	-
919	00111201	TRUCK 2016 FORD F350 4X4	8/9/2016	39,869	-	-	-	-	-	-	-	-	-	-	-	39,869	-
920	00111202	TRUCK, 2016 FORD F350 4X4	8/15/2016	37,558	-	-	-	-	-	-	-	-	-	-	-	37,558	-
921	00111207	HYPER SERVER MODULE	8/16/2016	6,820	-	-	-	-	-	-	-	-	-	-	-	6,820	-
922	00111208	TAC PAK TCU & ANTENNA	8/24/2016	10,351	-	-	-	-	-	-	-	-	-	-	-	10,351	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.	
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Reel.	Transmission	Collection & Direct Reel.			Indirect
923	00011209	TAC PAK TCU & ANTENNA	8/24/2016	10,351	-	-	-	-	-	-	-	-	-	-	-	10,351	-
924	00011211	TAC PAK TCU & ANTENNA	8/24/2016	10,778	-	-	-	-	-	-	-	-	-	-	-	10,778	-
925	00011216	DATA COLLECTOR, HANDHELD TRIMBLE RANGER 3XE	9/22/2016	6,775	-	-	-	-	-	-	-	-	-	-	-	6,775	-
926	00011240	CONCRETE STORAGE PAD, 118' X 13'	1/14/2016	5,369	-	-	-	-	-	-	-	-	-	-	-	5,369	-
927	00011277	METER READER, TRIMBLE 3XE HANDHELD & CHARGER	12/22/2016	6,745	-	-	-	-	-	-	-	-	-	-	-	6,745	-
928	00011278	METER READER, TRIMBLE 3XE HANDHELD & CHARGER	12/22/2016	6,745	-	-	-	-	-	-	-	-	-	-	-	6,745	-
929	00011279	METER READER, TRIMBLE 3XE HANDHELD & CHARGER	12/22/2016	6,745	-	-	-	-	-	-	-	-	-	-	-	6,745	-
930	00011291	TRAILER, 2016 EH WACHS STANDARD TURNER VALVE MAINT	2/3/2017	58,375	-	-	-	-	-	-	-	-	-	-	-	58,375	-
931	00011298	MESSAGE BOARD TRAILER (SOLAR) WANCO	1/26/2017	13,385	-	-	-	-	-	-	-	-	-	-	-	13,385	-
932	00011320	TRUCK, 2017 FORD F350 4X4 LANDSCAPE	3/7/2017	41,858	-	-	-	-	-	-	-	-	-	-	-	41,858	-
933	00011374	CONTROL PANEL, DUPLEX LS 37	7/21/2017	12,250	-	-	-	-	-	-	12,250	-	-	-	-	-	-
934	00011375	CONTROL PANEL, DUPLEX LS 38	7/21/2017	12,250	-	-	-	-	-	-	12,250	-	-	-	-	-	-
935	00011382	TAPPING MACHINE, HYDRA-STOP	8/29/2017	25,003	-	-	-	-	-	-	-	-	-	-	-	25,003	-
936	00011384	UTILIGUARD LOCATING SYSTEM	9/26/2017	6,511	-	-	-	-	-	-	-	-	-	-	-	6,511	-
937	00011385	TAC PAK TCU & ANTENNA LS#4	8/31/2017	10,198	-	-	-	-	-	-	-	-	-	-	-	-	-
938	00011386	TAC PAK TCU & ANTENNA LS#37	8/31/2017	10,198	-	-	-	-	-	-	-	-	-	-	-	-	-
939	00011387	TAC PAK TCU & ANTENNA LS#38	8/31/2017	10,198	-	-	-	-	-	-	-	-	-	-	-	-	-
940	00011392	MIXER PUMP, SULZER MODEL RW2821S28/4 LS#97	8/22/2017	5,941	-	-	-	-	-	-	-	-	-	-	10,198	-	-
941	00011393	MIXER PUMP, SULZER MODEL RW2022-S16/4 LS32	8/22/2017	5,126	-	-	-	-	-	-	-	-	-	-	-	5,126	-
942	00011450	TRAILER, 2018 BIG TEX 16' FULL TILT	12/13/2017	5,249	-	-	-	-	-	-	-	-	-	-	-	5,249	-
943	00011450	TRAILER, 2018 BIG TEX PRE DEL INSP	2/7/2018	60	-	-	-	-	-	-	-	-	-	-	-	60	-
944	00011457	TRUCK, 2017 FORD F350 1 TON REG CAB	12/21/2017	38,073	-	-	-	-	-	-	-	-	-	-	-	38,073	-
945	00011457	TRUCK, PRE DEL INSP/DECALS	1/23/2018	318	-	-	-	-	-	-	-	-	-	-	-	318	-
946	00011464	SCADA RF TEST EQUIPMENT	1/4/2018	7,818	-	-	-	-	-	-	-	-	-	-	-	7,818	-
947	00011486	BACKHOE, CASE 590SN	2/14/2018	90,366	-	-	-	-	-	-	-	-	-	-	-	90,366	-
948	00011486	BACKHOE, CASE 590SN PRE DEL INSP	2/28/2018	118	-	-	-	-	-	-	-	-	-	-	-	118	-
949	00011486	BACKHOE, MISC IMPROVEMENTS ON EQUIPMENT	3/5/2018	94	-	-	-	-	-	-	-	-	-	-	-	94	-
950	00011497	TRUCK, 2018 FORD F150	2/20/2018	28,190	-	-	-	-	-	-	-	-	-	-	-	28,190	-
951	00011497	TRUCK, MISC IMPROVEMENTS ON TRUCK	3/15/2018	265	-	-	-	-	-	-	-	-	-	-	-	265	-
952	00011525	TRUCK, 2018 FORD EXPLORER	3/7/2018	27,412	-	-	-	-	-	-	-	-	-	-	-	27,412	-
953	00011525	TRUCK, MISC IMPROVEMENTS ON TRUCK	3/20/2018	1,328	-	-	-	-	-	-	-	-	-	-	-	1,328	-
954	00011533	TRUCK, 2018 FORD F-150	3/22/2018	22,945	-	-	-	-	-	-	-	-	-	-	-	22,945	-
955	00011533	MISC IMPROVEMENTS ADDED	4/20/2018	260	-	-	-	-	-	-	-	-	-	-	-	260	-
956	00011551	VAN-2018 FORD TRANSIT TV VAN	5/3/2018	201,444	-	-	-	-	-	-	-	-	-	-	-	201,444	-
957	00011552	TRUCK-2018 FORD F150	5/11/2018	26,311	-	-	-	-	-	-	-	-	-	-	-	26,311	-
958	00011553	TRUCK- FORD F-150	5/11/2018	26,311	-	-	-	-	-	-	-	-	-	-	-	26,311	-
959	00011556	TRUCK-PETERBUILT RUSH VAC	6/18/2018	342,346	-	-	-	-	-	-	-	-	-	-	-	342,346	-
960	00011556	CHASSIS, VAC TRUCK	6/18/2018	115,203	-	-	-	-	-	-	-	-	-	-	-	115,203	-
961	00011563	TRUCK- 2018 FORD F-150	6/26/2018	27,014	-	-	-	-	-	-	-	-	-	-	-	27,014	-
962	00011583	TRACTOR-2018 JOHN DEERE 4025R	8/27/2018	35,257	-	-	-	-	-	-	-	-	-	-	-	35,257	-
963	00011599	TRUCK-2018 FORD F-350	10/1/2018	39,066	-	-	-	-	-	-	-	-	-	-	-	39,066	-
964	00011603	CHASSIS-2019 PETERBILT VAC TRUCK	6/18/2018	115,203	-	-	-	-	-	-	-	-	-	-	-	115,203	-
965	00011625	SOFTWARE- LUCITY MOBILE	9/13/2018	20,250	-	-	-	-	-	-	-	-	-	-	-	20,250	-
966	00011643	TRAILER-EAGER BEAVER	12/10/2018	21,016	-	-	-	-	-	-	-	-	-	-	-	21,016	-
967	00011644	TRAILER-EAGER BEAVER	12/10/2018	21,016	-	-	-	-	-	-	-	-	-	-	-	21,016	-
968	00011645	UTILITY IMPROVEMENT US 41 (U17U41)	9/30/2018	256,949	-	-	256,949	-	-	-	-	-	-	-	-	-	-
969	00011645	US 41 WIDENING RELO & REP (U1741W)	9/30/2018	341,219	-	-	341,219	-	-	-	-	-	-	-	-	-	-
970	00011645	WATER RELOCATION/REPAIR (U15WTR)	9/30/2018	33,948	-	-	-	33,948	-	-	-	-	-	-	-	-	-
971	00011660	TRUCK-2018 F-150	12/20/2018	32,530	-	-	-	-	-	-	-	-	-	-	-	32,530	-
972	00011668	TRUCK- 2019 FORD F-350	2/1/2019	39,066	-	-	-	-	-	-	-	-	-	-	-	39,066	-
973	00003591	COMPUTER/133 PENTIUM SYSTEM	2/10/1997	1,815	-	-	-	-	-	-	-	-	-	-	-	1,815	-
974	00003730	METER, PH	9/2/1997	1,770	-	-	-	-	-	-	-	-	-	-	-	1,770	-
975	00003902	PROBE/DISOLVED OXYGEN	5/26/1998	1,046	-	-	-	-	-	-	-	-	-	-	-	1,046	-
976	00003903	METER/ORION ANALOG PH WITH ELECTRODE	5/27/1998	1,100	-	-	-	-	-	-	-	-	-	-	-	1,100	-
977	00008090	NEIGHBORHOOD EXPANSION PROGRAM FY07/08	9/30/2008	1,022,047	-	-	-	511,024	-	-	-	-	-	511,024	-	-	-
Construction in Progress as of September 30, 2018																	
978	U15PW1	Price Boulevard Widening Phase 1		54,796	-	-	54,796	-	-	-	-	-	-	-	-	-	-
979	U14I&I	Inflow and Infiltration		131,909	-	-	-	-	-	-	-	-	-	131,909	-	-	-
980	U15I&I	Inflow and Infiltration		13,875	-	-	-	-	-	-	-	-	-	-	-	13,875	-
981	U16I&I	Inflow and Infiltration		88,244	-	-	-	-	-	-	-	-	-	-	-	88,244	-
982	U17LSR	Lift Station Rehabilitation		60,032	-	-	-	-	-	-	-	11,461	-	48,571	-	-	-
983	U17U41	Utility Improvements US 41		3,860	-	-	-	-	-	-	-	-	-	-	-	3,860	-
984	U17WPI	Alum Sludge - Water Plant		32,509	-	-	32,509	-	-	-	-	-	-	-	-	-	-
985	U17WRO	Water - Reverse Osmosis Production Enhancements		171,436	-	-	171,436	-	-	-	-	-	-	-	-	-	-
986	U17WTP	Transfer Pumps - WTP		9,768	-	-	9,768	-	-	-	-	-	-	-	-	-	-
987	U17PAC	Powder Activated Carbon		28,936	-	-	28,936	-	-	-	-	-	-	-	-	-	-
988	U17GLS	Grant - Lift Station Rehabilitation		433,709	-	-	-	-	-	-	-	-	82,799	-	350,910	-	-
989	U18LSM	Lift Station Mixers		2,601	-	-	-	-	-	-	-	-	496	-	2,104	-	-
990	U18LSR	2018 Lift Station Rehabilitation		20,225	-	-	-	-	-	-	-	-	3,861	-	16,364	-	-
991	U18WBR	Water Pipeline Bridge Replacement		39,395	-	-	39,395	-	-	-	-	-	-	-	-	-	-

Table 3-1
City of North Port, Florida
Utility Rate Analysis

Summary of Existing Utility Assets

Line No.	Asset Number	Description	Acquired Date	Adj. Acq. Amt.	Water System						Wastewater				General Plant	Other Developer Contrib.	
					Supply	Treatment	Transmission	Distribution	Fire Hydrants	Meters	Treatment	Em./Recl.	Transmission	Collection & Direct Recl.			Indirect
992	U18PWM	Potable Water Meter		14,018	-	-	-	-	-	14,018	-	-	-	-	-	-	-
993	U17WOR	Water Transmission - Ortiz		28,400	-	-	28,400	-	-	-	-	-	-	-	-	-	-
994	U17ASR	ASR Permanent Facility		119,670	-	-	119,670	-	-	-	-	-	-	-	-	-	-
995	U15PW1	Price Boulevard Widening Phase 1		25,821	-	-	-	-	-	-	-	-	25,821	-	-	-	-
996	U17RW4	Reclaimed Water - Phase IV		44,430	-	-	-	-	-	-	-	44,430	-	-	-	-	-
997		TOTAL SYSTEM ASSETS - CURRENTLY REPORTED		\$ 180,937,936	\$ 716,835	\$ 19,132,085	\$ 17,648,375	\$ 28,861,016	\$ -	\$ 363,964	\$ 45,495,394	\$ 8,020,179	\$ 11,663,480	\$ 44,654,724	\$ -	\$ 4,381,883	\$ -
998		ALLOCATION OF OTHER DEVELOPER CONTRIBUTIONS		-	-	-	-	-	-	-	-	-	-	-	-	-	-
999		ALLOCATION OF INDIRECT PLANT		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000		TOTAL ASSETS FOR IMPACT FEE DETERMINATION		\$ 180,937,936	\$ 716,835	\$ 19,132,085	\$ 17,648,375	\$ 28,861,016	\$ -	\$ 363,964	\$ 45,495,394	\$ 8,020,179	\$ 11,663,480	\$ 44,654,724	\$ -	\$ 4,381,883	\$ -
1,001				100.00%	0.40%	10.57%	9.75%	15.95%	0.00%	0.20%	25.14%	4.43%	6.45%	24.68%	0.00%	2.42%	0.00%
1,002		CONTRIBUTIONS		\$ 63,375,264	\$ -	\$ -	\$ 4,399,503	\$ 23,048,623	\$ -	\$ -	\$ 390,746	\$ 232,280	\$ 1,441,356	\$ 33,747,352	\$ -	\$ 115,404	\$ -

Footnotes:

[1] Amounts shown are derived from the fixed asset register provided by the City; amounts reported as of September 30, 2018. Amounts are classified to plant functions based on: i) fixed asset description and cost center / location; ii) relevance of fixed asset; and iii) ratemaking judgment.

Table 3-2

**City of North Port, Florida
Utility Rate Analysis**

Summary of Peace River Capital Costs Allocable to the City of North Port

Line No.	Description	Capital Cost	Co-Funding (SWFWMD, State, Federal, etc.)	Net Capital Cost to Customers	North Port %	North Port Capital Cost
Capital Costs of Peace River Facilities [1]:						
1	1991 Rebuild and Capacity Increase	\$ 9,536,000	\$ (2,250,000)	\$ 7,286,000	8.54%	\$ 622,000
2	Regional Expansion Project (REP) Oversized Payment	3,287,098	-	3,287,098	13.28%	436,527
3	Reservoir (6 BG) System	81,999,618	(38,630,837)	43,368,781	10.26%	4,449,637
4	24 MGD REP Expansion	95,095,207	(53,027,800)	42,067,407	10.26%	4,316,116
5	DeSoto 20" Transmission Main	2,768,364	-	2,768,364	10.26%	284,034
6	Phase 2 Interconnect	13,444,743	(6,339,340)	7,105,403	100.00%	7,105,403
7	Total Costs of Existing Capacity	<u>\$ 206,131,030</u>	<u>\$ (100,247,977)</u>	<u>\$ 105,883,053</u>		<u>\$ 17,213,717</u>
8	Total Allocated Capacity to City of North Port (MGD-MDF)					2,865
9	ERC Factor - GPD [2]					170
10	Estimated ERCs to Be Served By Existing Capacity Allocation					16,853
11	Cost Per ERC of Existing Capacity Allocation					<u>\$ 1,021</u>

BG = Billion Gallons
 MGD = Million-Gallons-Per-Day
 ADF = Average Daily Flow
 GPD = Gallons Per Day

Footnotes:

[1] Based on information provided by Peace River staff.

[2] The level of service factor for a water ERC reflects capacity requirements expressed on an daily flow basis; the assumed factor of 170 gallons per day per ERC is based on a review historical flow data and discussions with City staff.

Table 3-3

City of North Port, Florida
Utility Rate Analysis

Summary of Capital Improvement Program By Plant Function Through Fiscal Year 2029

Line No.	Project Description	Estimated Total Capital Cost [1]	Adjustments to	Adjustments to	Adjustments to	Net Amount For Future Expenditures	Allocation Reference	Functional Category			
			Remove General-Related Project Costs	Remove Project Costs Considered 100% Allocable to Existing Users	Remove Project Costs to Be Paid in Full By Developers			Remove Project Costs to Be Paid in Full By Surtax	Supply and Treatment	Storage, Pumping and Transmission	Distribution and Collection
WATER SYSTEM CAPITAL IMPROVEMENT PROGRAM											
1	Utility Administration / Field Operations Building	\$ 5,455,000	\$ -	\$ -	\$ -	\$ 5,455,000	UtilAdmin	\$ 1,818,333	\$ 1,818,333	\$ 1,818,333	
2	Water and Sewer Line Extension	2,530,800	-	-	-	(2,530,800)	N/A	-	-	-	-
3	Water Transmission Service Improvements	3,848,800	-	-	-	3,848,800	Transmission	-	3,848,800	-	-
4	Update and Convert Standard Details	25,000	(25,000)	-	-	-	N/A	-	-	-	-
5	Utility Master Plan Updates	375,000	(375,000)	-	-	-	N/A	-	-	-	-
6	Utility Rate Study Update	58,500	(58,500)	-	-	-	N/A	-	-	-	-
7	New Residential Meters	2,322,054	-	-	-	2,322,054	Distr/Collect	-	-	-	2,322,054
8	New Commercial Meters	197,880	-	-	-	197,880	Distr/Collect	-	-	-	197,880
9	Commercial Change Out Meters	226,650	-	-	-	226,650	Distr/Collect	-	-	-	226,650
10	Replacement Meters	3,933,681	-	-	-	3,933,681	Distr/Collect	-	-	-	3,933,681
11	Retrofit Meters to AMR	592,500	-	-	-	592,500	Distr/Collect	-	-	-	592,500
12	Water Transmission and Relocation	725,000	-	-	-	725,000	Transmission	-	725,000	-	-
13	Study Lake Frankie	100,000	(100,000)	-	-	-	N/A	-	-	-	-
14	MOTE HBMP Required Tri-Annual Report	120,000	(120,000)	-	-	-	N/A	-	-	-	-
15	MOTE HBMP Annual Monitoring	1,000,000	(1,000,000)	-	-	-	N/A	-	-	-	-
16	Bridge Water Main Replacements	1,289,170	-	-	-	1,289,170	Transmission	-	1,289,170	-	-
17	Reverse Osmosis Membrane Replacement	544,583	-	(544,583)	-	-	N/A	-	-	-	-
18	High Service Pumps VFD Replacement (3)	30,000	-	-	-	30,000	Treatment	30,000	-	-	-
19	Flocculation Basins Rehabilitation	140,000	-	-	-	140,000	Treatment	140,000	-	-	-
20	Filter Media	50,000	(50,000)	-	-	-	N/A	-	-	-	-
21	Under Drain Replacement	200,000	-	-	-	200,000	Treatment	200,000	-	-	-
22	Control Panel 500 Replacement / Fiber Upgrade	20,000	-	-	-	20,000	Treatment	20,000	-	-	-
23	Replacement	22,000	-	-	-	22,000	Treatment	22,000	-	-	-
24	HBS (2) VFD Replacement	22,000	-	-	-	22,000	Treatment	22,000	-	-	-
25	NEBS (2) VFD Replacement	25,000	-	-	-	25,000	Treatment	25,000	-	-	-
26	SWBS (2) VFD Replacement	22,000	-	-	-	22,000	Treatment	22,000	-	-	-
27	Replace PAC System ? Option #2 \$ 347,000	370,000	-	-	-	370,000	Treatment	370,000	-	-	-
28	Sludge Press	3,000,000	-	-	-	3,000,000	Treatment	3,000,000	-	-	-
29	Treatability Study Results	5,000,000	-	-	-	5,000,000	Treatment	5,000,000	-	-	-
30	Creek)	30,000	-	-	-	30,000	Treatment	30,000	-	-	-
31	Improvements)	50,000	-	-	-	50,000	Treatment	50,000	-	-	-
32	Valves and Pipework to the Filter Gallery and	2,555,000	-	-	-	2,555,000	Treatment	2,555,000	-	-	-
33	Ammonia Tanks	60,000	-	-	-	60,000	Treatment	60,000	-	-	-
34	Bleach Tanks	95,000	-	-	-	95,000	Treatment	95,000	-	-	-
35	Water Transmission Oversizing	500,000	-	-	-	500,000	Transmission	-	500,000	-	-
36	Reclaimed to Potable	1,000,000	-	-	-	1,000,000	Treatment	1,000,000	-	-	-
37	Alternative Energy Source Study	250,000	(250,000)	-	-	-	N/A	-	-	-	-
38	Developer-Funded Water Treatment Plant	24,150,000	-	-	(24,150,000)	-	N/A	-	-	-	-
39	Water Supply Facilities 10 yr work plan	55,000	(55,000)	-	-	-	N/A	-	-	-	-
40	Risk Assessment and Emergency Response	150,000	(150,000)	-	-	-	N/A	-	-	-	-
41	Reservoir	10,000,000	-	-	-	10,000,000	Treatment	10,000,000	-	-	-
42	Replacement of Filters at ASR Well	95,400	-	(95,400)	-	-	N/A	-	-	-	-
43	Potable Water Meter	266,645	-	-	-	266,645	Distr/Collect	-	-	-	266,645
44	Ammonia System Upgrade	168,556	-	-	-	168,556	Treatment	168,556	-	-	-
45	Water Storage Shed	50,000	-	-	-	50,000	Transmission	-	50,000	-	-
46	Utility Storage Facility	92,500	-	-	-	92,500	Distr/Collect	-	-	-	92,500

Table 3-3

City of North Port, Florida
Utility Rate Analysis

Summary of Capital Improvement Program By Plant Function Through Fiscal Year 2029

Line No.	Project Description	Estimated Total Capital Cost [1]	Adjustments to Remove General-Related Project Costs	Adjustments to Remove Project Costs Considered 100% Allocable to Existing Users	Adjustments to Remove Project Costs to Be Paid in Full By Developers	Adjustments to Remove Project Costs to Be Paid in Full By Surtax	Net Amount For Future Expenditures	Allocation Reference	Functional Category		
									Supply and Treatment	Storage, Pumping and Transmission	Distribution and Collection
47	ASR Permanent Facility	141,435	-	-	-	-	141,435	Transmission	-	141,435	-
48	Water Transmission - Ortiz	334,325	-	-	-	-	334,325	Transmission	-	334,325	-
49	Transfer Pumps - Water Plant	181,690	-	-	-	-	181,690	Treatment	181,690	-	-
50	Ortiz	240,000	-	-	-	-	240,000	Transmission	-	240,000	-
TOTAL WATER SYSTEM CAPITAL IMPROVEMENT PROGRAM											
51		\$ 72,711,169	\$ (2,183,500)	\$ (639,983)	\$ (24,150,000)	\$ (2,530,800)	\$ 43,206,886		\$ 24,809,579	\$ 8,947,063	\$ 9,450,244
WASTEWATER SYSTEM CAPITAL IMPROVEMENT PROGRAM											
52	Utility Administration / Field Operations Building	\$ 5,455,000	\$ -	\$ -	\$ -	\$ -	5,455,000	UtilAdmin	\$ 1,818,333	\$ 1,818,333	\$ 1,818,333
53	Water and Sewer Line Extension	2,530,800	-	-	-	(2,530,800)	-	N/A	-	-	-
54	Update and Convert Standard Details	25,000	(25,000)	-	-	-	-	N/A	-	-	-
55	Utility Master Plan Updates	375,000	(375,000)	-	-	-	-	N/A	-	-	-
56	Utility Rate Study Update	58,500	(58,500)	-	-	-	-	N/A	-	-	-
57	Inflow and Infiltration	4,208,619	-	(4,208,619)	-	-	-	N/A	-	-	-
58	Wastewater Transmission and Relocation	725,000	-	-	-	-	725,000	Transmission	-	725,000	-
59	Lift Station Rehabilitation	5,000,000	-	-	-	-	5,000,000	MasterLS	-	954,545	4,045,455
60	Wonderware / SCADA Software	200,000	(200,000)	-	-	-	-	N/A	-	-	-
61	Grit Cyclone Coating	60,000	-	(60,000)	-	-	-	N/A	-	-	-
62	Clarifier #4 Coating	35,000	-	(35,000)	-	-	-	N/A	-	-	-
63	Clarifier #3 Conversion/Drive / Coating	180,000	-	(180,000)	-	-	-	N/A	-	-	-
64	Headworks Helixpress #1	100,000	-	-	-	-	100,000	Treatment	100,000	-	-
65	Bleach Tanks	45,000	-	-	-	-	45,000	Treatment	45,000	-	-
66	Master Pumping Station (Toledo and Price)	2,950,000	-	-	-	-	2,950,000	Transmission	-	2,950,000	-
67	Southwest Wastewater Treatment Facility	41,650,000	-	-	(41,650,000)	-	-	N/A	-	-	-
68	Lift Station Mixers	21,320	-	-	-	-	21,320	MasterLS	-	4,070	17,250
69	2018 Lift Station Rehab	48,245	-	-	-	-	48,245	MasterLS	-	9,210	39,035
70	Wastewater Improvement - Influent Channel	143,160	-	-	-	-	143,160	Treatment	143,160	-	-
71	Lift Station SCADA	60,000	-	-	-	-	60,000	Distr/Collect	-	-	60,000
72	Showers and Women's Bathroom	1,000,000	-	-	-	-	1,000,000	Treatment	1,000,000	-	-
TOTAL WASTEWATER SYSTEM CAPITAL IMPROVEMENT PROGRAM											
73		\$ 64,870,644	\$ (658,500)	\$ (4,483,619)	\$ (41,650,000)	\$ (2,530,800)	\$ 15,547,725		\$ 3,106,493	\$ 6,461,159	\$ 5,980,072
TOTAL WATER AND WASTEWATER CAPITAL IMPROVEMENT PROGRAM											
74		\$ 137,581,813	\$ (2,842,000)	\$ (5,123,602)	\$ (65,800,000)	\$ (5,061,600)	\$ 58,754,611		\$ 27,916,073	\$ 15,408,223	\$ 15,430,316

Table 3-4

City of North Port, Florida
Utility Rate Analysis

Summary of Water and Wastewater Capital Improvement Program Recognized in System Capacity Fees – Fiscal Years 2019 Through 2029

Line No.	Project Description	Adjusted Project Cost [1]	Project Status	Assumed Original In-Service Date [2]	Estimated Original Cost [3]	Amount Recognized [4]			Percent to Recognize for Expansion
						Existing	Expansion	Future / Direct	
WATER TREATMENT PROJECTS									
1	Building	\$ 1,818,333	Upgrade	-	-	\$ 1,818,333	-	-	0.00%
2	High Service Pumps VFD Replacement (3)	30,000	Upgrade	2006	20,408	30,000	-	-	0.00%
3	Flocculation Basins Rehabilitation	140,000	Upgrade	2004	87,424	140,000	-	-	0.00%
4	Under Drain Replacement	200,000	Upgrade	1996	98,650	200,000	-	-	0.00%
5	Control Panel 500 Replacement / Fiber Upgrade	20,000	Upgrade	2006	13,606	20,000	-	-	0.00%
6	Replacement	22,000	Upgrade	2006	14,966	22,000	-	-	0.00%
7	HBS (2) VFD Replacement	22,000	Upgrade	2006	14,966	22,000	-	-	0.00%
8	NEBS (2) VFD Replacement	25,000	Upgrade	2009	18,804	25,000	-	-	0.00%
9	SWBS (2) VFD Replacement	22,000	Upgrade	2009	16,548	22,000	-	-	0.00%
10	Replace PAC System ? Option #2 \$ 347,000	370,000	Upgrade	1992	161,881	370,000	-	-	0.00%
11	Sludge Press	3,000,000	Upgrade	-	-	3,000,000	-	-	0.00%
12	Treatability Study Results	5,000,000	Upgrade	-	-	5,000,000	-	-	0.00%
13	Creek)	30,000	Upgrade	-	-	30,000	-	-	0.00%
14	Improvements)	50,000	Upgrade	-	-	50,000	-	-	0.00%
15	Valves and Pipework to the Filter Gallery and	2,555,000	Upgrade	1999	1,358,692	2,555,000	-	-	0.00%
16	Ammonia Tanks	60,000	Upgrade	-	-	60,000	-	-	0.00%
17	Bleach Tanks	95,000	Upgrade	-	-	95,000	-	-	0.00%
18	Reclaimed to Potable	1,000,000	Upgrade	-	-	1,000,000	-	-	0.00%
19	Reservoir	10,000,000	Future	-	-	-	-	10,000,000	0.00%
20	Ammonia System Upgrade	168,556	Upgrade	2009	126,781	168,556	-	-	0.00%
21	Transfer Pumps - Water Plant	181,690	Upgrade	2009	136,660	181,690	-	-	0.00%
22	Total Water Treatment Projects	\$ 24,809,579			\$ 2,069,385	\$ 14,809,579	\$ -	\$ 10,000,000	0.00%

Table 3-4

City of North Port, Florida
Utility Rate Analysis

Summary of Water and Wastewater Capital Improvement Program Recognized in System Capacity Fees – Fiscal Years 2019 Through 2029

Line No.	Project Description	Adjusted Project Cost [1]	Project Status	Assumed Original In-Service Date [2]	Estimated Original Cost [3]	Amount Recognized [4]			Percent to Recognize for Expansion
						Existing	Expansion	Future / Direct	
WATER MAJOR TRANSMISSION PROJECTS									
23	Building	\$ 1,818,333	Upgrade	-	-	\$ 1,818,333	-	-	0.00%
24	Water Transmission Service Improvements	3,848,800	Upgrade	-	-	3,848,800	-	-	0.00%
25	Water Transmission and Relocation	725,000	Upgrade	2000	395,847	725,000	-	-	0.00%
26	Bridge Water Main Replacements	1,289,170	Upgrade	1992	564,033	1,289,170	-	-	0.00%
27	Water Transmission Oversizing	500,000	Upgrade	-	-	500,000	-	-	0.00%
28	Water Storage Shed	50,000	Upgrade	-	-	50,000	-	-	0.00%
29	ASR Permanent Facility	141,435	Upgrade	-	-	141,435	-	-	0.00%
30	Water Transmission - Ortiz	334,325	Upgrade	-	-	334,325	-	-	0.00%
31	Ortiz	240,000	Upgrade	-	-	240,000	-	-	0.00%
32	Total Water Major Transmission Projects	\$ 8,947,063			\$ 959,880	\$ 8,947,063	\$ -	\$ -	0.00%
33	TOTAL WATER PROJECTS	\$ 33,756,643			\$ 3,029,265	\$ 23,756,643	\$ -	\$ 10,000,000	0.00%
WASTEWATER TREATMENT PROJECTS									
34	Building	\$ 1,818,333	Upgrade	-	-	\$ 1,818,333	-	-	0.00%
35	Headworks Helixpress #1	100,000	Upgrade	2007	69,924	100,000	-	-	0.00%
36	Bleach Tanks	45,000	Upgrade	2007	31,466	45,000	-	-	0.00%
37	Wastewater Improvement - Influent Channel	143,160	Upgrade	2009	107,679	143,160	-	-	0.00%
38	Showers and Women's Bathroom	1,000,000	Upgrade	1960	72,320	1,000,000	-	-	0.00%
39	Total Wastewater Treatment Projects	\$ 3,106,493			\$ 281,388	\$ 3,106,493	\$ -	\$ -	0.00%

Table 3-4

City of North Port, Florida
Utility Rate Analysis

Summary of Water and Wastewater Capital Improvement Program Recognized in System Capacity Fees – Fiscal Years 2019 Through 2029

Line No.	Project Description	Adjusted Project Cost [1]	Project Status	Assumed Original In-Service Date [2]	Estimated Original Cost [3]	Amount Recognized [4]			Percent to Recognize for Expansion
						Existing	Expansion	Future / Direct	
WASTEWATER MAJOR TRANSMISSION PROJECTS									
40	Building	\$ 1,818,333	Upgrade	-	-	\$ 1,818,333	-	-	0.00%
41	Wastewater Transmission and Relocation	725,000	Upgrade	2000	395,847	725,000	-	-	0.00%
42	Lift Station Rehabilitation	954,545	Upgrade	2003	560,804	954,545	-	-	0.00%
43	Lift Station Mixers	4,070	Upgrade	2003	2,391	4,070	-	-	0.00%
44	2018 Lift Station Rehab	9,210	Upgrade	2003	5,411	9,210	-	-	0.00%
45	Total Wastewater Transmission Projects	\$ 6,461,159			\$ 964,454	\$ 6,461,159	\$ -	\$ -	0.00%
46	TOTAL WASTEWATER PROJECTS	\$ 9,567,653			\$ 1,245,842	\$ 9,567,653	\$ -	\$ -	0.00%
47	TOTAL SYSTEM PROJECTS	\$ 43,324,295			\$ 4,275,107	\$ 33,324,295	\$ -	\$ 10,000,000	0.00%

Table 3-4

City of North Port, Florida Utility Rate Analysis

Summary of Water and Wastewater Capital Improvement Program Recognized in System Capacity Fees – Fiscal Years 2019 Through 2029

Footnotes:

- [1] Amounts shown are derived from Table 3-3 and do not include any capital expenditures classified as distribution-related or collection-related.
- [2] Estimated original in-service date based on discussions with City staff.
- [3] Amount shown was determined by discounting the projected (replacement) cost by an inflationary factor as measured by the Engineering News-Record (ENR) Construction Cost Index applied to the estimated number of years in service.
- [4] For replacement projects only, amount derived by subtracting the estimated original cost from the new project cost (net asset addition).

Note: With respect to capital projects associated with plant upgrades, the following were assumed:

New = Project designated for capacity expansion only.

Upgrade = Project designated to improve existing capacity facilities.

Replacement = Project which removes original asset from service but necessary for providing service to City customers.

Relocate = Project which removes original asset from service, and usually replaces it with an asset designated for capacity expansion.

Redundancy = Project which provides redundancy to existing capacity and not an increase in capacity to serve new growth.

Reliability = Project which provides additional reliability to existing capacity and not an increase in capacity to serve new growth.

Future = Reflects project which extends beyond the planning horizon (e.g., beyond Fiscal Year 2029) in this report.

System = Project that benefits existing, expansion and future customers.

Direct = Reflects projects which directly relate to specific customer base and not System cost.

Table 3-5

**City of North Port, Florida
Utility Rate Analysis**

**Comparison of Capacity / Impact Fees Per
Equivalent Residential Connection (ERC) for Water and Wastewater Service**

Line No.	Description	Capacity / Impact Fee Per ERC [1]		
		Water	Wastewater	Combined
City of North Port, Florida				
1	Existing Capacity Fees Per ERC	\$ 1,890	\$ 2,575	\$ 4,465
2	Proposed Capacity Fees Per ERC	1,872	2,213	4,085
Other Florida Utilities				
3	Bonita Springs Utilities, Inc.	\$ 2,600	\$ 3,925	\$ 6,525
4	City of Bradenton	1,183	1,545	2,728
5	City of Cape Coral	3,638	2,529	6,167
6	Charlotte County	2,407	2,251	4,658
7	City of Clearwater	480	900	1,380
8	Collier County	2,562	2,701	5,263
9	DeSoto County	1,910	4,140	6,050
10	Englewood Water District [2]	2,080	3,334	5,414
11	City of Fort Myers	2,023	1,966	3,989
12	Gasparilla Island Water Association, Inc.	4,018	2,793	6,811
13	Hillsborough County	1,750	1,800	3,550
14	Lee County	2,440	2,660	5,100
15	Town of Longboat Key	690	1,224	1,914
16	Manatee County	1,970	3,027	4,997
17	City of Marco Island	3,740	4,610	8,350
18	City of Naples	1,416	2,324	3,740
19	Okeechobee Utility Authority	628	1,234	1,862
20	City of Palmetto	313	1,389	1,702
21	City of Pinellas Park	352	2,060	2,412
22	City of Punta Gorda	2,646	2,677	5,323
23	City of St. Petersburg	584	700	1,284
24	City of Sanibel	1,881	4,386	6,267
25	City of Sarasota	900	2,577	3,477
26	Sarasota County	2,720	2,627	5,347
27	City of Venice	1,210	1,450	2,660
28	Other Florida Utilities' Average	\$ 1,846	\$ 2,433	\$ 4,279
29	Minimum	313	700	1,284
30	Maximum	4,018	4,610	8,350

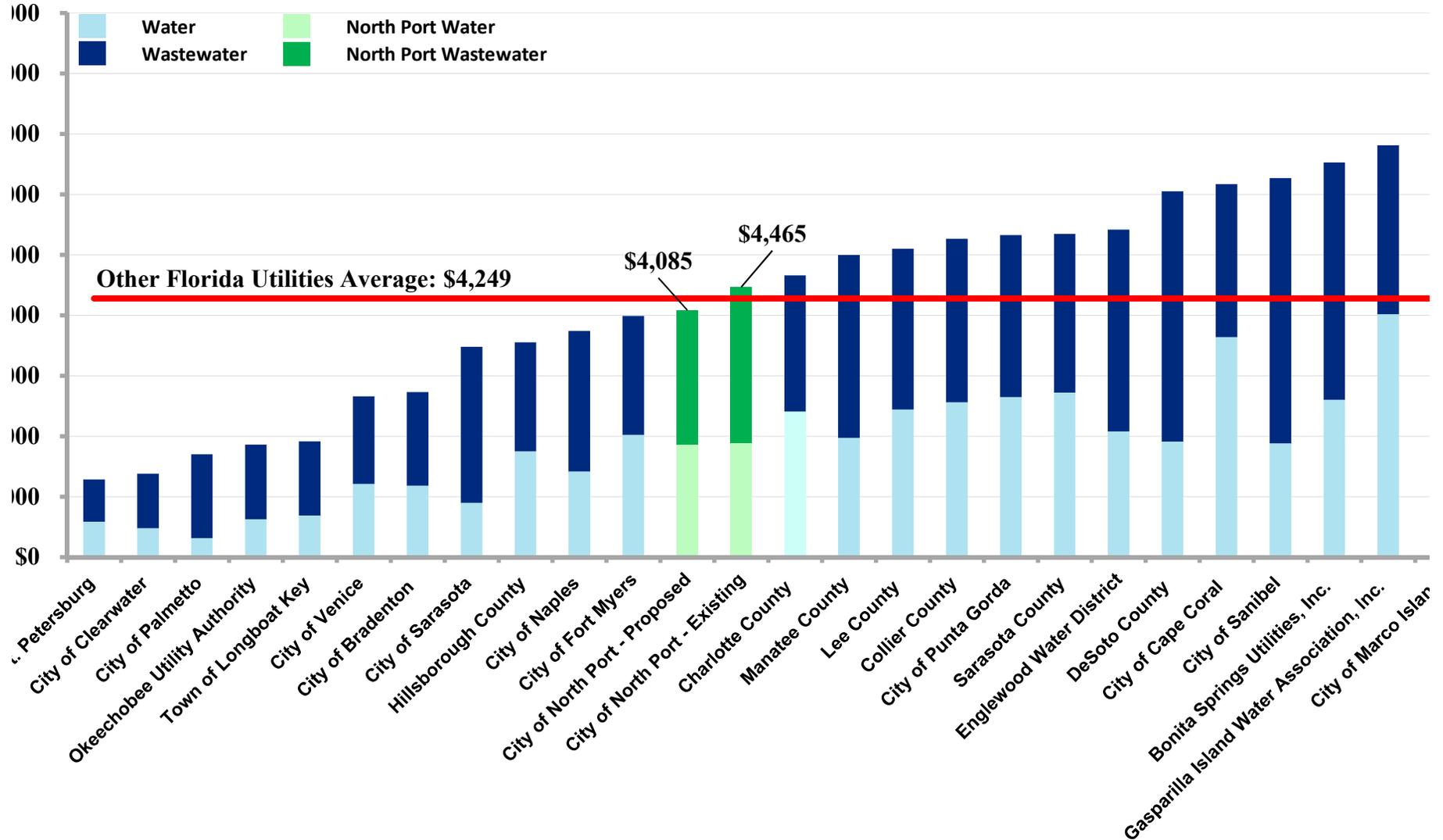
Footnotes:

[1] Amounts reflect fees for a typical single family residential unit (i.e., one ERC) and are effective in April 2019.

[2] Includes accrued guaranteed revenue fees.

Effective April 2019

Figure 3-1
City of North Port, Florida
Comparison of Capacity / Impact Fees
Per ERC for Water and Wastewater Service





SECTION 4
Other Charges

SECTION 4:

OTHER CHARGES

4-1: Guaranteed Revenue Charges

Guaranteed revenue charges are imposed upon customers who have paid capacity fees, but have not yet physically connected to the System. The guaranteed revenue charges allow for the recovery of certain fixed operating costs incurred by the City in order to maintain the reserved capacity for the benefit of those applicants requesting such capacity.

Based on our review, GovRates recommends that the City link the Utility's guaranteed revenue charges to the monthly base charges. This practice is common in the utility industry. The annual guaranteed charges are proposed to be the monthly base charges times 12 months, rounded to the nearest dollar. As summarized in the following Exhibit 4-1 and as further detailed in Tables 4-1 and 4-2 at the end of this section, GovRates cost-justified guaranteed revenue charges above the monthly base charge levels.

Exhibit 4-1: Derivation of Guaranteed Revenue Charges

Description	Water System [1]	Wastewater System [2]
Allocated Fixed Costs - Fiscal Year 2020	\$ 11,192,242	\$ 10,171,474
Existing System Capacity (MGD-ADF)	7.265	5.833
Capacity of System in Gallons Per Year	2,651,725,000	2,129,166,667
Cost Per Gallon	\$0.00422	\$0.00478
Level of Service Standard (gallons per day)	170	155
Days Per Month	30.4	30.4
Calculated Guaranteed Revenue Charge - Monthly	\$ 21.82	\$ 22.52
Proposed Base Charge for Fiscal Year 2020	19.52	22.45
Recommended Guaranteed Revenue Charge - Monthly	\$ 19.52	\$ 22.45
Recommended Guaranteed Revenue Charge - Annual	\$ 234	\$ 269

[1] Amounts shown derived from Table 4-1 at the end of this section.

[2] Amounts shown derived from Table 4-2 at the end of this section.

The recommended annual guaranteed revenue charges are shown in Table ES-4 of this report.

4-2: Fire Protection Service

The City currently charges an annual fire protection service fee to customers that have fire lines or standpipes located within the premises of the building or privately-owned hydrants maintained by the City.

GovRates recommends that the City continue to follow the guidelines set forth by the Florida Public Service Commission’s Rule 25-30.465, which suggests a fire protection rate equal to one-twelfth of the base facility charge of the utility’s meter sizes. A summary of the existing and proposed annual fire protection charges recognizing this general ratemaking policy (1/12 of the base charge multiplied by twelve months) is shown in Table ES-5 of this report.

4-3: Customer Deposits

To defray the risk of non-payment for utility services until the negligent customer is disconnected, public utilities generally require all utility customers to post a deposit prior to the receipt of service. Generally, this deposit is in the form of cash but may also be in the form of surety or performance bond, letter of credit or other instrument guaranteeing payment. The City currently charges a customer deposit to all commercial customers and to residential customers with a poor credit history. For commercial customers, the deposit is based on the size of the service.

The customer or meter deposit amounts should be based on the level of service risk incurred by the City associated with the nonpayment of a service. The following Exhibit 4-2 indicates the level of service risk based on discussions with City staff:

Exhibit 4-2: Estimated Service Risk Associated with Nonpayment

Description	Time (Includes Weekends)
Average Month of Service	30.42 days
Time Period for Payment of Bill After Bill Rendered	20.00 days
Notification of Delinquent Payment	7.00 days
Assumed Period from Delinquent Notification to Disconnect	7.00 days
Total Estimated Period of Risk (Time)	64.42 days

In various rate ordinances, the City has indicated a level of service risk of two months, and the preceding table supports this level of service risk. The customer deposit for service should approximate the time period of risk associated with the service or approximately 60 days.

Currently, single family residential customers which receive service through a 5/8" or 3/4" metered account represent almost all of the single-family customers in such class. Based on detailed billing information provided by the City, the average usage level for bills rendered to this customer classification is approximately 3,000 gallons per month. Based on the average usage for this class and the proposed

rates for Fiscal Year 2020 as discussed in this report, the average deposits for water and wastewater service for a 5/8" or 3/4" meter single family residential customer would be calculated as shown in the following Exhibit 4-3:

Exhibit 4-3: Derivation of Deposit for 5/8" or 3/4" Meter Single Family Residential Customer

Monthly Bill Component	Based on Fiscal Year 2020 Proposed Monthly User Rates	
	Water System	Wastewater System
Base Facility Charge Portion	\$ 19.52	\$ 29.50
Volume Charge [*]	12.48	19.26
Subtotal	32.00	48.76
Adjusted for Two Months of Service Risk (x 2.0)	64.00	97.52
Rounded Rate	\$ 65.00	\$ 100.00

[*] Based on 3,000 gallons of monthly service.

As shown in the preceding exhibit, a customer with both water and wastewater service would pay a total deposit of \$165. Deposits for other classes are based on the relationship of meter service sizes to the single-family residential equivalent. Summaries of the existing and proposed customer deposits are shown in Table ES-5 of this report.

4-4: Miscellaneous Charges

The City has several other charges or fees that are billed to customers to recover costs for specific services provided by the City at the request of a customer (e.g., service turn on) or by a direct action of the customer as it relates to City policy and procedures (e.g., customer disconnect for nonpayment). Revenues derived from these charges reduce the level of expenditures (revenue requirements) that must be recovered from monthly user rates. (The costs for the services are directly passed-through to the customers requesting the services.)

The proposed miscellaneous service charges as shown in Table ES-5 are based on the City's estimated costs (e.g., labor, vehicles/equipment, and parts/supplies) of providing such services, a comparison with similar charges of other Florida utilities, and City policies.

The proposed miscellaneous service charges are comparable to charges for similar services by other utilities in the State of Florida as shown in Table 4-3 at the end of this section. It is important to note that, whereas the City's proposed charges are based on current costs, some other utilities have not adjusted their miscellaneous service charges for several years.

Table 4-1
City of North Port, Florida
Utility Rate Analysis

Development of Guaranteed Revenue Charge for Water System

Line No.	Division Code	Expense Code	Description	Allocation Reference	Fiscal Year Ending September 30, 2020					
					Allocated Water System		Adjusted Water System		Allocation Amount	
					Costs	Adjustments	Costs	Fixed	Variable	Not Applicable
OPERATING EXPENSES - WATER SYSTEM										
Administration / Customer Service										
1	6060	1100	Executive Salaries	WSalaries	\$ 73,968	\$ -	\$ 73,968	\$ 46,474	\$ -	\$ 27,494
2	6060	1200	Regular Salaries	WSalaries	462,574	-	462,574	290,634	-	171,939
3	6060	1400	Overtime	WSalaries	278	-	278	174	-	103
4	6060	2100	FICA	WSalaries	39,454	-	39,454	24,789	-	14,665
5	6060	2201	Florida Retirement System	WSalaries	51,542	-	51,542	32,384	-	19,158
6	6060	2300	Insurance - Health	WSalaries	91,041	-	91,041	57,201	-	33,840
7	6060	2302	Vision Care	WSalaries	448	-	448	282	-	167
8	6060	2304	Dental, Life, and Disability	WSalaries	6,865	-	6,865	4,313	-	2,552
9	6060	2400	Workers' Compensation	WSalaries	260	-	260	163	-	97
10	6060	2700	Educational Assistance	WSalaries	1,383	-	1,383	869	-	514
11	6060	3105	Other Professional Services	WSalaries	8,880	-	8,880	5,579	-	3,301
12	6060	3200	Accounting and Auditing	WSalaries	1,383	-	1,383	869	-	514
13	6060	4000	Travel and Per Diem	WSalaries	8,348	-	8,348	5,245	-	3,103
14	6060	4100	Communication Services	WSalaries	8,564	-	8,564	5,380	-	3,183
15	6060	4200	Postage and Mailing	WSalaries	65,019	-	65,019	40,851	-	24,168
16	6060	4301	Water and Sewer	WSalaries	238	-	238	149	-	88
17	6060	4302	Electric	WSalaries	3,358	-	3,358	2,110	-	1,248
18	6060	4400	Rentals and Leases	WSalaries	20,563	-	20,563	12,919	-	7,643
19	6060	4500	Insurance	Fixed	100,082	-	100,082	100,082	-	-
20	6060	4601	Repairs and Maintenance / Office Equipment	WSalaries	25,184	-	25,184	15,823	-	9,361
21	6060	4611	Repairs and Maintenance/Special Equipment	WSalaries	282	-	282	177	-	105
22	6060	4650	Fleet - Administration	WSalaries	952	-	952	598	-	354
23	6060	4651	Fleet - Labor	WSalaries	774	-	774	487	-	288
24	6060	4652	Fleet - Parts	WSalaries	692	-	692	434	-	257
25	6060	4700	Printing and Binding	WSalaries	8,682	-	8,682	5,455	-	3,227
26	6060	4800	Promotional Activities	WSalaries	7,160	-	7,160	4,499	-	2,661
27	6060	4901	Bank and Transaction Fees	WSalaries	49,657	-	49,657	31,199	-	18,458
28	6060	4902	Cash Over and Short	WSalaries	97	-	97	61	-	36
29	6060	4912	Ads and Legal Notices	WSalaries	50	-	50	31	-	19
30	6060	4914	Licenses / Fees / Permits	WSalaries	6,694	-	6,694	4,206	-	2,488
31	6060	4930	Tax Collector Fees	WSalaries	183	-	183	115	-	68
32	6060	4950	Customer Deposit Interest	N/A	620	-	620	-	-	620
33	6060	4969	Food	N/A	100	-	100	-	-	100
34	6060	4970	Payment to General Fund	Fixed	803,478	-	803,478	803,478	-	-
35	6060	4972	Payments to Solid Waste Department	WSalaries	7,260	-	7,260	4,561	-	2,698
36	6060	4975	Return on Investment	Fixed	175,312	-	175,312	175,312	-	-
37	6060	4990	Bad Debt Expense	WSalaries	25,861	-	25,861	16,249	-	9,613
38	6060	5100	Office Supplies	WSalaries	2,213	-	2,213	1,390	-	823
39	6060	5201	Other Operating Supplies	WSalaries	50	-	50	31	-	19
40	6060	5202	Fuel	WSalaries	1,173	-	1,173	737	-	436
41	6060	5207	Uniforms	WSalaries	631	-	631	396	-	234
42	6060	5250	Minor Operating Equipment	WSalaries	4,260	-	4,260	2,676	-	1,583
43	6060	5400	Books / Subscriptions / Memberships	WSalaries	1,267	-	1,267	796	-	471
44	6060	5500	Training and Education	WSalaries	11,119	-	11,119	6,986	-	4,133
45			Total Administration / Customer Service		\$ 2,077,996	\$ -	\$ 2,077,996	\$ 1,706,167	\$ -	\$ 371,829
Water System										
46	6061	1200	Regular Salaries	Fixed	\$ 562,510	\$ -	\$ 562,510	\$ 562,510	\$ -	\$ -
47	6061	1400	Overtime	Fixed	38,830	-	38,830	38,830	-	-
48	6061	1508	Clothing / Cleaning Allowance	Fixed	1,440	-	1,440	1,440	-	-
49	6061	2100	FICA	Fixed	43,680	-	43,680	43,680	-	-
50	6061	2201	Florida Retirement System	Fixed	55,420	-	55,420	55,420	-	-
51	6061	2300	Insurance - Health	Fixed	96,660	-	96,660	96,660	-	-
52	6061	2302	Vision Care	Fixed	800	-	800	800	-	-
53	6061	2304	Dental, Life, and Disability	Fixed	8,820	-	8,820	8,820	-	-
54	6061	2400	Workers' Compensation	Fixed	2,380	-	2,380	2,380	-	-
55	6061	3103	Engineer/Architect	Fixed	9,000	-	9,000	9,000	-	-
56	6061	3104	Medical Services	Fixed	160	-	160	160	-	-
57	6061	3105	Other Professional Services	Fixed	415,970	-	415,970	415,970	-	-
58	6061	4000	Travel and Per Diem	Fixed	5,330	-	5,330	5,330	-	-
59	6061	4100	Communication Services	Fixed	14,060	-	14,060	14,060	-	-
60	6061	4200	Postage and Mailing	Fixed	520	-	520	520	-	-
61	6061	4302	Electric	Variable	254,000	-	254,000	-	254,000	-
62	6061	4312	Hillsborough (Electricity for Hillsborough Booster Station)		107,200	-	107,200	-	-	-
Water Purchase For Resale:										
63	6061	4390PR	Peace River Water Supply Authority	PRWater	2,782,571	-	2,782,571	2,435,821	346,750	-
64	6061	4601	Repairs and Maintenance / Office Equipment	Fixed	21,510	-	21,510	21,510	-	-
65	6061	4604	Repairs and Maintenance / Buildings	Fixed	4,120	-	4,120	4,120	-	-

Table 4-1
City of North Port, Florida
Utility Rate Analysis

Development of Guaranteed Revenue Charge for Water System

Line No.	Division Code	Expense Code	Description	Allocation Reference	Fiscal Year Ending September 30, 2020					
					Allocated Water System		Adjusted Water System		Allocation Amount	
					Costs	Adjustments	Costs	Fixed	Variable	Not Applicable
66	6061	4609	Repairs and Maintenance / Landscaping	Fixed	29,400	-	29,400	29,400	-	-
67	6061	4611	Repairs and Maintenance/Special Equipment	Fixed	312,300	-	312,300	312,300	-	-
68	6061	4650	Fleet - Administration	Fixed	3,360	-	3,360	3,360	-	-
69	6061	4651	Fleet - Labor	Fixed	2,100	-	2,100	2,100	-	-
70	6061	4652	Fleet - Parts	Fixed	2,800	-	2,800	2,800	-	-
71	6061	4653	Fleet - Outsourced	Fixed	150	-	150	150	-	-
72	6061	4700	Printing and Binding	Fixed	350	-	350	350	-	-
73	6061	4905	Equipment Inspections and Testing	Fixed	400	-	400	400	-	-
74	6061	4912	Ads and Legal Notices	Fixed	100	-	100	100	-	-
75	6061	4914	Licenses / Fees / Permits	N/A	5,200	-	5,200	-	-	5,200
76	6061	5100	Office Supplies	Fixed	500	-	500	500	-	-
77	6061	5201	Other Operating Supplies	Variable	35,700	-	35,700	-	35,700	-
78	6061	5202	Fuel	Fixed	2,000	-	2,000	2,000	-	-
79	6061	5204	Diesel Fuel	Fixed	20,970	-	20,970	20,970	-	-
80	6061	5205	Chemicals	Variable	421,000	-	421,000	-	421,000	-
81	6061	5207	Uniforms	Fixed	1,760	-	1,760	1,760	-	-
82	6061	5250	Minor Operating Equipment	Fixed	53,830	-	53,830	53,830	-	-
83	6061	5400	Books / Subscriptions / Memberships	Fixed	1,520	-	1,520	1,520	-	-
84	6061	5500	Training and Education	Fixed	11,220	-	11,220	11,220	-	-
85			Total Water System		\$ 5,329,641	\$ -	\$ 5,329,641	\$ 4,159,791	\$ 1,057,450	\$ 5,200
Field Operations										
86	6063	1200	Regular Salaries	WLinearFeet	\$ 953,890	\$ -	\$ 953,890	\$ 123,703	\$ -	\$ 830,187
87	6063	1300	Other Salaries and Wages	WLinearFeet	39,475	-	39,475	5,119	-	34,355
88	6063	1400	Overtime	WLinearFeet	77,247	-	77,247	10,018	-	67,230
89	6063	2100	FICA	WLinearFeet	74,675	-	74,675	9,684	-	64,991
90	6063	2201	Florida Retirement System	WLinearFeet	87,337	-	87,337	11,326	-	76,011
91	6063	2300	Insurance - Health	WLinearFeet	209,239	-	209,239	27,135	-	182,104
92	6063	2302	Vision Care	WLinearFeet	1,211	-	1,211	157	-	1,054
93	6063	2304	Dental, Life, and Disability	WLinearFeet	14,981	-	14,981	1,943	-	13,038
94	6063	2400	Workers' Compensation	WLinearFeet	3,525	-	3,525	457	-	3,068
95	6063	3104	Medical Services	WLinearFeet	1,471	-	1,471	191	-	1,280
96	6063	3105	Other Professional Services	WLinearFeet	7,606	-	7,606	986	-	6,620
97	6063	3105BP	Other Professional Services - Backflow Preventor Pr	N/A	185,000	-	185,000	-	-	185,000
98	6063	4000	Travel and Per Diem	WLinearFeet	3,807	-	3,807	494	-	3,314
99	6063	4100	Communication Services	WLinearFeet	17,599	-	17,599	2,282	-	15,317
100	6063	4200	Postage and Mailing	WLinearFeet	10,325	-	10,325	1,339	-	8,986
101	6063	4301	Water and Sewer	WLinearFeet	225	-	225	29	-	196
102	6063	4400	Rentals and Leases	WLinearFeet	2,633	-	2,633	341	-	2,291
103	6063	4601	Repairs and Maintenance / Office Equipment	WLinearFeet	280	-	280	36	-	244
104	6063	4602	Repairs and Maintenance / Communication Equipme	WLinearFeet	1,112	-	1,112	144	-	967
105	6063	4604	Repairs and Maintenance / Buildings	WLinearFeet	234	-	234	30	-	204
106	6063	4611	Repairs and Maintenance/Special Equipment	WLinearFeet	18,476	-	18,476	2,396	-	16,080
107	6063	4650	Fleet - Administration	WLinearFeet	73,309	-	73,309	9,507	-	63,802
108	6063	4651	Fleet - Labor	WLinearFeet	33,992	-	33,992	4,408	-	29,584
109	6063	4652	Fleet - Parts	WLinearFeet	40,223	-	40,223	5,216	-	35,007
110	6063	4653	Fleet - Outsourced	WLinearFeet	32,179	-	32,179	4,173	-	28,006
111	6063	4661	Repairs and Maintenance / Distribution	WLinearFeet	103,000	-	103,000	13,357	-	89,643
112	6063	4664	Repairs and Maintenance / Hydrants	N/A	15,000	-	15,000	-	-	15,000
113	6063	4700	Printing and Binding	WLinearFeet	1,500	-	1,500	195	-	1,305
114	6063	4914	Licenses / Fees / Permits	WLinearFeet	1,387	-	1,387	180	-	1,207
115	6063	5100	Office Supplies	WLinearFeet	500	-	500	65	-	435
116	6063	5201	Other Operating Supplies	WLinearFeet	17,552	-	17,552	2,276	-	15,276
117	6063	5202	Fuel	WLinearFeet	76,562	-	76,562	9,929	-	66,633
118	6063	5207	Uniforms	WLinearFeet	7,268	-	7,268	943	-	6,326
119	6063	5250	Minor Operating Equipment	WLinearFeet	45,571	-	45,571	5,910	-	39,661
120	6063	5261	Distribution Supplies	WLinearFeet	14,000	-	14,000	1,816	-	12,184
121	6063	5262	Meters	WLinearFeet	409,560	-	409,560	53,113	-	356,447
122	6063	5263	New Installation Supplies	WLinearFeet	15,000	-	15,000	1,945	-	13,055
123	6063	5264	Hydrants and Parts	N/A	11,200	-	11,200	-	-	11,200
124	6063	5400	Books / Subscriptions / Memberships	WLinearFeet	535	-	535	69	-	466
125	6063	5500	Training and Education	WLinearFeet	5,300	-	5,300	687	-	4,613
126			Total Field Operations		\$ 2,613,984	\$ -	\$ 2,613,984	\$ 311,599	\$ -	\$ 2,302,385
Engineering										
127	6065	1200	Regular Salaries	Fixed	\$ 268,897	\$ -	\$ 268,897	\$ 268,897	\$ -	\$ -
128	6065	1400	Overtime	Fixed	15,356	-	15,356	15,356	-	-
129	6065	2100	FICA	Fixed	20,870	-	20,870	20,870	-	-
130	6065	2201	Florida Retirement System	Fixed	24,079	-	24,079	24,079	-	-
131	6065	2300	Insurance - Health	Fixed	41,943	-	41,943	41,943	-	-

Table 4-1
City of North Port, Florida
Utility Rate Analysis

Development of Guaranteed Revenue Charge for Water System

Line No.	Division Code	Expense Code	Description	Allocation Reference	Fiscal Year Ending September 30, 2020					
					Allocated Water System		Adjusted Water System		Allocation Amount	
					Costs	Adjustments	Costs	Fixed	Variable	Not Applicable
132	6065	2302	Vision Care	Fixed	270	-	270	270	-	-
133	6065	2304	Dental, Life, and Disability	Fixed	3,240	-	3,240	3,240	-	-
134	6065	2400	Workers' Compensation	Fixed	422	-	422	422	-	-
135	6065	3104	Medical Services	Fixed	89	-	89	89	-	-
136	6065	3105	Other Professional Services	Fixed	28,594	-	28,594	28,594	-	-
137	6065	4000	Travel and Per Diem	Fixed	4,019	-	4,019	4,019	-	-
138	6065	4100	Communication Services	Fixed	2,265	-	2,265	2,265	-	-
139	6065	4200	Postage and Mailing	Fixed	49	-	49	49	-	-
140	6065	4601	Repairs and Maintenance / Office Equipment	Fixed	492	-	492	492	-	-
141	6065	4611	Repairs and Maintenance/Special Equipment	Fixed	492	-	492	492	-	-
142	6065	4650	Fleet - Administration	Fixed	1,798	-	1,798	1,798	-	-
143	6065	4651	Fleet - Labor	Fixed	4,206	-	4,206	4,206	-	-
144	6065	4652	Fleet - Parts	Fixed	1,226	-	1,226	1,226	-	-
145	6065	4653	Fleet - Outsourced	Fixed	74	-	74	74	-	-
146	6065	4700	Printing and Binding	Fixed	49	-	49	49	-	-
147	6065	4914	Licenses / Fees / Permits	Fixed	2,674	-	2,674	2,674	-	-
148	6065	5100	Office Supplies	Fixed	266	-	266	266	-	-
149	6065	5202	Fuel	Fixed	4,556	-	4,556	4,556	-	-
150	6065	5207	Uniforms	Fixed	886	-	886	886	-	-
151	6065	5250	Minor Operating Equipment	Fixed	4,201	-	4,201	4,201	-	-
152	6065	5400	Books / Subscriptions / Memberships	Fixed	793	-	793	793	-	-
153	6065	5500	Training and Education	Fixed	3,679	-	3,679	3,679	-	-
154			Total Engineering		\$ 435,485	\$ -	\$ 435,485	\$ 435,485	\$ -	\$ -
155			TOTAL WATER SYSTEM OPERATING EXPENSES		\$ 10,457,106	\$ -	\$ 10,457,106	\$ 6,613,043	\$ 1,057,450	\$ 2,679,414
			Debt Service							
156			2005 (Private Placement)	WFixedAssets	\$ 19,827	\$ -	\$ 19,827	\$ 12,674	\$ -	\$ 7,154
157			2014 (BB&T Refunding Note)	WFixedAssets	608,618	-	608,618	389,033	-	219,585
158			Total Debt Service		\$ 628,445	\$ -	\$ 628,445	\$ 401,707	\$ -	\$ 226,738
			Other Revenue Requirements							
159			Transfer to Capital Replacement and Improvement Fun	WFixedAssets	\$ 7,731,533	\$ -	\$ 7,731,533	\$ 4,942,053	\$ -	\$ 2,789,479
160			Capital Funded from Rates	WFixedAssets	368,330	-	368,330	235,439	-	132,891
161			Total Other Revenue Requirements		\$ 8,099,862	\$ -	\$ 8,099,862	\$ 5,177,492	\$ -	\$ 2,922,370
162			Gross Revenue Requirements		\$ 19,185,414	\$ -	\$ 19,185,414	\$ 12,192,242	\$ 1,057,450	\$ 5,828,522
			Less Income and Funds from Other Sources							
163			Other Operating Revenue	N/A	\$ 1,529,053	\$ -	\$ 1,529,053	\$ -	\$ -	\$ 1,529,053
164			Bulk Water Revenue	N/A	22,134	-	22,134	-	-	22,134
165			Unrestricted Interest Income	N/A	110,996	-	110,996	-	-	110,996
166			Capacity Fees Used to Pay Peace River Debt Service	Fixed	1,000,000	-	1,000,000	1,000,000	-	-
167			Net Revenue Requirements		\$ 16,523,231	\$ -	\$ 16,523,231	\$ 11,192,242	\$ 1,057,450	\$ 4,166,339
168								67.7% <==Percent of Total		
			Total Capacity of System							
169			Myakkahatchee Creek Plant (MGD-ADF)	4.400						
170			Peace River - Allocation Plus Pool (MGD-ADF)	2.865						
171			Total Capacity (MGD-ADF)	7.265						
172			Total Capacity in Gallons Per Year					2,651,725,000		
173			Cost Per Gallon					\$ 0.00422		
174			Level of Service Standard For One Equivalent Residential Connection - Water (Gallons Per Day)					170		
175			Days Per Month					30.4		
176			Monthly Guaranteed Revenue Charge - Water (Calculated)					\$ 21.82		
177			Proposed Water Base Charge for Fiscal Year 2020					\$ 19.52		
178			Recommended Monthly Guaranteed Revenue Charge - Water (Rounded)					<u>\$ 19.52</u>		
179			Annual Guaranteed Revenue Charge - Water					<u>\$ 234</u>		

Table 4-2

City of North Port, Florida
Utility Rate Analysis

Development of Guaranteed Revenue Charge for Wastewater System

Line No.	Division Code	Expense Code	Description	Allocation Reference	Fiscal Year Ending September 30, 2020					
					Allocated Wastewater System		Adjusted Wastewater System		Allocation Amount	
					Costs	Adjustments	Costs	Fixed	Variable	Not Applicable
OPERATING EXPENSES - WASTEWATER SYSTEM										
Administration / Customer Service										
1	6060	1100	Executive Salaries	SSalaries	\$ 63,212	\$ -	\$ 63,212	\$ 40,611	\$ -	\$ 22,600
2	6060	1200	Regular Salaries	SSalaries	370,276	-	370,276	237,889	-	132,387
3	6060	1400	Overtime	SSalaries	222	-	222	143	-	79
4	6060	2100	FICA	SSalaries	31,866	-	31,866	20,472	-	11,393
5	6060	2201	Florida Retirement System	SSalaries	41,628	-	41,628	26,745	-	14,883
6	6060	2300	Insurance - Health	SSalaries	73,529	-	73,529	47,240	-	26,289
7	6060	2302	Vision Care	SSalaries	362	-	362	233	-	129
8	6060	2304	Dental, Life, and Disability	SSalaries	5,545	-	5,545	3,562	-	1,982
9	6060	2400	Workers' Compensation	SSalaries	210	-	210	135	-	75
10	6060	2700	Educational Assistance	SSalaries	1,117	-	1,117	718	-	399
11	6060	3105	Other Professional Services	SSalaries	6,870	-	6,870	4,414	-	2,456
12	6060	3200	Accounting and Auditing	SSalaries	1,117	-	1,117	718	-	399
13	6060	4000	Travel and Per Diem	SSalaries	6,742	-	6,742	4,332	-	2,411
14	6060	4100	Communication Services	SSalaries	6,916	-	6,916	4,444	-	2,473
15	6060	4200	Postage and Mailing	SSalaries	50,306	-	50,306	32,320	-	17,986
16	6060	4301	Water and Sewer	SSalaries	192	-	192	123	-	69
17	6060	4302	Electric	SSalaries	2,712	-	2,712	1,742	-	970
18	6060	4400	Rentals and Leases	SSalaries	16,607	-	16,607	10,670	-	5,938
19	6060	4500	Insurance	Fixed	164,748	-	164,748	164,748	-	-
20	6060	4601	Repairs and Maintenance / Office Equipment	SSalaries	19,486	-	19,486	12,519	-	6,967
21	6060	4611	Repairs and Maintenance/Special Equipment	SSalaries	218	-	218	140	-	78
22	6060	4650	Fleet - Administration	SSalaries	768	-	768	494	-	275
23	6060	4651	Fleet - Labor	SSalaries	626	-	626	402	-	224
24	6060	4652	Fleet - Parts	SSalaries	558	-	558	359	-	200
25	6060	4700	Printing and Binding	SSalaries	6,718	-	6,718	4,316	-	2,402
26	6060	4800	Promotional Activities	SSalaries	5,540	-	5,540	3,559	-	1,981
27	6060	4901	Bank and Transaction Fees	SSalaries	52,943	-	52,943	34,014	-	18,929
28	6060	4902	Cash Over and Short	SSalaries	103	-	103	66	-	37
29	6060	4912	Ads and Legal Notices	SSalaries	50	-	50	32	-	18
30	6060	4914	Licenses / Fees / Permits	SSalaries	5,406	-	5,406	3,473	-	1,933
31	6060	4930	Tax Collector Fees	SSalaries	147	-	147	95	-	53
32	6060	4950	Customer Deposit Interest	N/A	480	-	480	-	-	480
33	6060	4969	Food	N/A	100	-	100	-	-	100
34	6060	4970	Payment to General Fund	Fixed	803,478	-	803,478	803,478	-	-
35	6060	4972	Payments to Solid Waste Department	SSalaries	7,740	-	7,740	4,973	-	2,767
36	6060	4975	Return on Investment	Fixed	288,588	-	288,588	288,588	-	-
37	6060	4990	Bad Debt Expense	SSalaries	27,573	-	27,573	17,714	-	9,858
38	6060	5100	Office Supplies	SSalaries	1,787	-	1,787	1,148	-	639
39	6060	5201	Other Operating Supplies	SSalaries	40	-	40	26	-	14
40	6060	5202	Fuel	SSalaries	947	-	947	609	-	339
41	6060	5207	Uniforms	SSalaries	509	-	509	327	-	182
42	6060	5250	Minor Operating Equipment	SSalaries	3,440	-	3,440	2,210	-	1,230
43	6060	5400	Books / Subscriptions / Memberships	SSalaries	1,023	-	1,023	657	-	366
44	6060	5500	Training and Education	SSalaries	8,981	-	8,981	5,770	-	3,211
45			Total Administration / Customer Service		\$ 2,081,429	\$ -	\$ 2,081,429	\$ 1,786,227	\$ -	\$ 295,202
Wastewater System										
46	6062	1200	Regular Salaries	Fixed	\$ 615,830	\$ -	\$ 615,830	\$ 615,830	\$ -	\$ -
47	6062	1400	Overtime	Fixed	24,330	-	24,330	24,330	-	-
48	6062	1508	Clothing / Cleaning Allowance	Fixed	1,800	-	1,800	1,800	-	-
49	6062	2100	FICA	Fixed	47,350	-	47,350	47,350	-	-
50	6062	2201	Florida Retirement System	Fixed	54,230	-	54,230	54,230	-	-
51	6062	2300	Insurance - Health	Fixed	127,890	-	127,890	127,890	-	-
52	6062	2302	Vision Care	Fixed	600	-	600	600	-	-
53	6062	2304	Dental, Life, and Disability	Fixed	9,090	-	9,090	9,090	-	-
54	6062	2400	Workers' Compensation	Fixed	2,050	-	2,050	2,050	-	-
55	6062	3104	Medical Services	Fixed	160	-	160	160	-	-
56	6062	1105SLUDGE	Other Professional Services - Sludge Hauling	Fixed	246,330	-	246,330	246,330	-	-
57	6062	4000	Travel and Per Diem	Fixed	7,040	-	7,040	7,040	-	-
58	6062	4100	Communication Services	Fixed	22,500	-	22,500	22,500	-	-
59	6062	4200	Postage and Mailing	Fixed	140	-	140	140	-	-
60	6062	4301	Water and Sewer	Fixed	3,000	-	3,000	3,000	-	-
61	6062	4302	Electric	Fixed	560,000	-	560,000	560,000	-	-
62	6062	4306	Electric - Wells	Fixed	280	-	280	280	-	-
63	6062	4307	Electric - Deep Well Injection	Fixed	450	-	450	450	-	-
64	6062	4601	Repairs and Maintenance / Office Equipment	Fixed	2,080	-	2,080	2,080	-	-
65	6062	4604	Repairs and Maintenance / Buildings	Fixed	10,890	-	10,890	10,890	-	-
66	6062	4609	Repairs and Maintenance / Landscaping	Fixed	40,050	-	40,050	40,050	-	-

Table 4-2
City of North Port, Florida
Utility Rate Analysis

Development of Guaranteed Revenue Charge for Wastewater System

Line No.	Division Code	Expense Code	Description	Allocation Reference	Fiscal Year Ending September 30, 2020					
					Allocated Wastewater System		Adjusted Wastewater System		Allocation Amount	
					Costs	Adjustments	Costs	Fixed	Variable	Not Applicable
67	6062	4611	Repairs and Maintenance/Special Equipment	Fixed	192,090	-	192,090	192,090	-	-
68	6062	4650	Fleet - Administration	Fixed	8,400	-	8,400	8,400	-	-
69	6062	4651	Fleet - Labor	Fixed	1,890	-	1,890	1,890	-	-
70	6062	4652	Fleet - Parts	Fixed	2,440	-	2,440	2,440	-	-
71	6062	4653	Fleet - Outsourced	Fixed	390	-	390	390	-	-
72	6062	4914	Licenses / Fees / Permits	Fixed	800	-	800	800	-	-
73	6062	5100	Office Supplies	Fixed	670	-	670	670	-	-
74	6062	5201	Other Operating Supplies	Fixed	51,640	-	51,640	51,640	-	-
75	6062	5202	Fuel	Fixed	8,100	-	8,100	8,100	-	-
76	6062	5204	Diesel Fuel	Fixed	30,000	-	30,000	30,000	-	-
77	6062	5205	Chemicals	Fixed	142,000	-	142,000	142,000	-	-
78	6062	5207	Uniforms	Fixed	3,490	-	3,490	3,490	-	-
79	6062	5250	Minor Operating Equipment	Fixed	7,200	-	7,200	7,200	-	-
80	6062	5400	Books / Subscriptions / Memberships	Fixed	720	-	720	720	-	-
81	6062	5500	Training and Education	Fixed	14,340	-	14,340	14,340	-	-
82			Total Wastewater System		\$ 2,240,260	\$ -	\$ 2,240,260	\$ 2,240,260	\$ -	\$ -
Field Operations										
83	6063	1200	Regular Salaries	SLinearFeet	\$ 699,700	\$ -	\$ 699,700	\$ 136,480	\$ -	\$ 563,220
84	6063	1300	Other Salaries and Wages	SLinearFeet	28,955	-	28,955	5,648	-	23,308
85	6063	1400	Overtime	SLinearFeet	56,663	-	56,663	11,052	-	45,610
86	6063	2100	FICA	SLinearFeet	54,775	-	54,775	10,684	-	44,091
87	6063	2201	Florida Retirement System	SLinearFeet	64,063	-	64,063	12,496	-	51,567
88	6063	2300	Insurance - Health	SLinearFeet	153,481	-	153,481	29,937	-	123,544
89	6063	2302	Vision Care	SLinearFeet	889	-	889	173	-	715
90	6063	2304	Dental, Life, and Disability	SLinearFeet	10,989	-	10,989	2,143	-	8,845
91	6063	2400	Workers' Compensation	SLinearFeet	2,585	-	2,585	504	-	2,081
92	6063	3104	Medical Services	SLinearFeet	1,079	-	1,079	210	-	869
93	6063	3105	Other Professional Services	SLinearFeet	5,394	-	5,394	1,052	-	4,342
94	6063	4000	Travel and Per Diem	SLinearFeet	2,793	-	2,793	545	-	2,248
95	6063	4100	Communication Services	SLinearFeet	12,481	-	12,481	2,435	-	10,047
96	6063	4200	Postage and Mailing	SLinearFeet	10,325	-	10,325	2,014	-	8,311
97	6063	4301	Water and Sewer	SLinearFeet	225	-	225	44	-	181
98	6063	4302	Electric	SLinearFeet	10,000	-	10,000	1,951	-	8,049
99	6063	4304	Electric - Lift Stations	SLinearFeet	126,000	-	126,000	24,577	-	101,423
100	6063	4400	Rentals and Leases	SLinearFeet	1,867	-	1,867	364	-	1,503
101	6063	4601	Repairs and Maintenance / Office Equipment	SLinearFeet	280	-	280	55	-	225
102	6063	4602	Repairs and Maintenance / Communication Equipme	SLinearFeet	788	-	788	154	-	635
103	6063	4604	Repairs and Maintenance / Buildings	SLinearFeet	166	-	166	32	-	134
104	6063	4611	Repairs and Maintenance/Special Equipment	SLinearFeet	13,104	-	13,104	2,556	-	10,548
105	6063	4650	Fleet - Administration	SLinearFeet	51,991	-	51,991	10,141	-	41,850
106	6063	4651	Fleet - Labor	SLinearFeet	24,108	-	24,108	4,702	-	19,405
107	6063	4652	Fleet - Parts	SLinearFeet	28,527	-	28,527	5,564	-	22,962
108	6063	4653	Fleet - Outsourced	SLinearFeet	22,821	-	22,821	4,451	-	18,370
109	6063	4660	Repairs and Maintenance / Collection	SLinearFeet	343,000	-	343,000	66,904	-	276,096
110	6063	4700	Printing and Binding	SLinearFeet	1,500	-	1,500	293	-	1,207
111	6063	4914	Licenses / Fees / Permits	SLinearFeet	983	-	983	192	-	792
112	6063	5100	Office Supplies	SLinearFeet	500	-	500	98	-	402
113	6063	5201	Other Operating Supplies	SLinearFeet	12,448	-	12,448	2,428	-	10,020
114	6063	5202	Fuel	SLinearFeet	54,298	-	54,298	10,591	-	43,707
115	6063	5207	Uniforms	SLinearFeet	5,332	-	5,332	1,040	-	4,292
116	6063	5250	Minor Operating Equipment	SLinearFeet	32,319	-	32,319	6,304	-	26,015
117	6063	5260	Collection Supplies	SLinearFeet	14,000	-	14,000	2,731	-	11,269
118	6063	5262	Meters	SLinearFeet	409,560	-	409,560	79,887	-	329,673
119	6063	5263	New Installation Supplies	SLinearFeet	15,000	-	15,000	2,926	-	12,074
120	6063	5400	Books / Subscriptions / Memberships	SLinearFeet	535	-	535	104	-	431
121	6063	5500	Training and Education	SLinearFeet	5,300	-	5,300	1,034	-	4,266
122			Total Field Operations		\$ 2,278,826	\$ -	\$ 2,278,826	\$ 444,497	\$ -	\$ 1,834,328
Engineering										
123	6065	1200	Regular Salaries	Fixed	\$ 259,753	\$ -	\$ 259,753	\$ 259,753	\$ -	\$ -
124	6065	1400	Overtime	Fixed	14,834	-	14,834	14,834	-	-
125	6065	2100	FICA	Fixed	20,160	-	20,160	20,160	-	-
126	6065	2201	Florida Retirement System	Fixed	23,261	-	23,261	23,261	-	-
127	6065	2300	Insurance - Health	Fixed	40,517	-	40,517	40,517	-	-
128	6065	2302	Vision Care	Fixed	260	-	260	260	-	-
129	6065	2304	Dental, Life, and Disability	Fixed	3,130	-	3,130	3,130	-	-
130	6065	2400	Workers' Compensation	Fixed	408	-	408	408	-	-
131	6065	3104	Medical Services	Fixed	91	-	91	91	-	-
132	6065	3105	Other Professional Services	Fixed	29,466	-	29,466	29,466	-	-

Table 4-2
City of North Port, Florida
Utility Rate Analysis

Development of Guaranteed Revenue Charge for Wastewater System

Line No.	Division Code	Expense Code	Description	Allocation Reference	Fiscal Year Ending September 30, 2020					
					Allocated Wastewater System		Adjusted Wastewater System		Allocation Amount	
					Costs	Adjustments	Costs	Fixed	Variable	Not Applicable
133	6065	4000	Travel and Per Diem	Fixed	4,141	-	4,141	4,141	-	-
134	6065	4100	Communication Services	Fixed	2,335	-	2,335	2,335	-	-
135	6065	4200	Postage and Mailing	Fixed	51	-	51	51	-	-
136	6065	4601	Repairs and Maintenance / Office Equipment	Fixed	508	-	508	508	-	-
137	6065	4611	Repairs and Maintenance/Special Equipment	Fixed	508	-	508	508	-	-
138	6065	4650	Fleet - Administration	Fixed	1,852	-	1,852	1,852	-	-
139	6065	4651	Fleet - Labor	Fixed	4,334	-	4,334	4,334	-	-
140	6065	4652	Fleet - Parts	Fixed	1,264	-	1,264	1,264	-	-
141	6065	4653	Fleet - Outsourced	Fixed	76	-	76	76	-	-
142	6065	4700	Printing and Binding	Fixed	51	-	51	51	-	-
143	6065	4914	Licenses / Fees / Permits	Fixed	2,756	-	2,756	2,756	-	-
144	6065	5100	Office Supplies	Fixed	274	-	274	274	-	-
145	6065	5202	Fuel	Fixed	4,694	-	4,694	4,694	-	-
146	6065	5207	Uniforms	Fixed	914	-	914	914	-	-
147	6065	5250	Minor Operating Equipment	Fixed	4,329	-	4,329	4,329	-	-
148	6065	5400	Books / Subscriptions / Memberships	Fixed	817	-	817	817	-	-
149	6065	5500	Training and Education	Fixed	3,791	-	3,791	3,791	-	-
150			Total Engineering		\$ 424,575	\$ -	\$ 424,575	\$ 424,575	\$ -	\$ -
151			TOTAL WASTEWATER SYSTEM OPERATING EXPENSES		\$ 7,025,089	\$ -	\$ 7,025,089	\$ 4,895,559	\$ -	\$ 2,129,530
			Debt Service							
152			2005 (Private Placement)	SFixedAssets	\$ 597,851	\$ -	\$ 597,851	\$ 346,193	\$ -	\$ 251,658
153			2014 (BB&T Refunding Note)	SFixedAssets	843,931	-	843,931	488,688	-	355,243
154			SRF Loan WW668010	Fixed	1,559,657	-	1,559,657	1,559,657	-	-
155			SRF Loan WW580700	Fixed	141,626	-	141,626	141,626	-	-
156			SRF Loan WW580701	Fixed	28,485	-	28,485	28,485	-	-
157			Total Debt Service		\$ 3,171,549	\$ -	\$ 3,171,549	\$ 2,564,649	\$ -	\$ 606,901
			Other Revenue Requirements							
158			Transfer to Capital Replacement and Improvement F	SFixedAssets	\$ 4,322,419	\$ -	\$ 4,322,419	\$ 2,502,949	\$ -	\$ 1,819,470
159			Capital Funded from Rates	SFixedAssets	1,136,868	-	1,136,868	658,317	-	478,551
160			Total Other Revenue Requirements		\$ 5,459,287	\$ -	\$ 5,459,287	\$ 3,161,266	\$ -	\$ 2,298,021
161			Gross Revenue Requirements		\$ 15,655,926	\$ -	\$ 15,655,926	\$ 10,621,474	\$ -	\$ 5,034,452
			Less Income and Funds from Other Sources							
162			Other Operating Revenue	N/A	\$ 904,581	\$ -	\$ 904,581	\$ -	\$ -	\$ 904,581
163			Unrestricted Interest Income	N/A	122,439	-	122,439	-	-	122,439
164			Capacity Fees Used to Pay City Debt Service	Fixed	450,000	-	450,000	450,000	-	-
165			Net Revenue Requirements		\$ 14,178,906	\$ -	\$ 14,178,906	\$ 10,171,474	\$ -	\$ 4,007,432
166										71.7% <==Percent of Total
			Total Capacity of System							
167			North Port Wastewater Plant (MGD-ADF)	5.833						
168			Total Capacity in Gallons Per Year					2,129,166,667		
169			Cost Per Gallon					\$ 0.00478		
170			Level of Service Standard For One Equivalent Residential Connection - Wastewater (Gallons Per Day)					155.0		
171			Days Per Month					30.4		
172			Monthly Guaranteed Revenue Charge - Wastewater (Calculated)					\$ 22.52		
173			Proposed Wastewater Base Charge for Fiscal Year 2020					\$ 22.45		
174			Recommended Monthly Guaranteed Revenue Charge - Wastewater (Rounded)					\$ 22.45		
175			Annual Guaranteed Revenue Charge - Wastewater					\$ 269		

Table 4-3

City of North Port, Florida
Utility Rate Analysis

Miscellaneous Service Charge Comparison

Line No.	Utility	Meter Installation Charge Without Service Line Installation (Drop-In) [1]	Meter Installation Charge With Service Line Installation [1]	Minimum Deposits Required [2]	Application / Initiation of Service	Normal Turn-On/Off		Violation Reconnection Charge		Meter Reread	Meter Test
						Normal Business Hours	After Hours	Normal Business Hours	After Hours		
NP	City of North Port - Existing Fees	\$270	\$740 short, \$1,150 long	\$60 W, \$95 S	\$40	\$35	\$100	\$35	\$100	\$335.00 if meter is correct	\$50
NP	City of North Port - Proposed Fees	\$280	\$945 regardless of whether short or long	\$65 W, \$100 S	\$45	\$35	\$100	\$55	\$120	\$340.00 if meter is correct	\$50

Other Comparable Utilities:

1	Bonita Springs Utilities, Inc.	\$300	\$585 short; \$1,560 long	\$65 W; \$100 S	N/A	\$45 disconnect, \$45 reconnect	N/A	\$50	\$85	\$35 for field visit and for meter reread	\$75 for bench test up to 1-inch if meter is registering correctly
2	Broward County	\$335	\$335 + actual cost of tap	\$50 W; \$65 S	\$25	\$25	N/A	N/A	N/A	\$25; \$35 if by appointment	\$30 for meter test
3	Charlotte County	\$375	\$1,445	\$120 W; \$120 S	N/A	\$45	\$55	\$55	\$75	First - each 6 months is no charge; \$45	\$105 for bench test of 5/8 x 3/4-inch meter if meter is correct; \$75 for field test (first field test has no charge)
4	City of Clearwater	\$210	\$210	Minimum deposit of two times the minimum monthly charge or two times the average monthly bill for water and wastewater service, whichever is greater	N/A	\$20; no charge for water turn-off	\$40	N/A	N/A	\$15	\$50 for meter test
5	Collier County Water-Sewer District	Actual time and material cost	Actual time and material cost	N/A	\$22	\$37	N/A	N/A	N/A	\$33	Onsite: \$176; Offsite: \$241 if meter is correct
6	DeSoto County	\$459	\$1,257.13 short; long = Actual cost + 10% of direct costs	\$125 water; \$125 wastewater	N/A	\$50 disconnection	\$90 disconnection	\$50 reconnection	\$90 reconnection	\$30	\$50
7	Englewood Water District	\$340	\$1,255.00 short; \$1,970 long	N/A	\$25	Once each year - No Charge (48 hours notice); Additional with 48 hour notice - \$30.00 per Trip [3]	After working hours and weekends: \$100.00 per Trip; Holidays: \$145.00 per Trip [3]	\$30.00 per Trip	\$100.00 per Trip; Holidays: \$145.00 per Trip	\$30	\$185 if meter is correct
8	Florida Governmental Utility Authority - Golden Gate	Contract Operator Charge + 5%	Contract Operator Charge + 5%	3 x average bill	\$25	\$20	N/A	\$125	\$188	\$20 after first request	\$40 for 5/8 x 3/4-inch; \$80 for 1-inch and 1-1/2-inch; \$125 for 2-inch; contract operator cost + 5% above 2-inch if meter is correct

Table 4-3

City of North Port, Florida
Utility Rate Analysis

Miscellaneous Service Charge Comparison

Line No.	Utility	Meter Installation Charge Without Service Line Installation (Drop-In) [1]	Meter Installation Charge With Service Line Installation [1]	Minimum Deposits Required [2]	Application / Initiation of Service	Normal Turn-On/Off		Violation Reconnection Charge		Meter Reread	Meter Test
						Normal Business Hours	After Hours	Normal Business Hours	After Hours		
NP	City of North Port - Existing Fees	\$270	\$740 short, \$1,150 long	\$60 W, \$95 S	\$40	\$35	\$100	\$35	\$100	\$335.00 if meter is correct	\$50
NP	City of North Port - Proposed Fees	\$280	\$945 regardless of whether short or long	\$65 W, \$100 S	\$45	\$35	\$100	\$55	\$120	\$340.00 if meter is correct	\$50

Other Comparable Utilities:

9	Florida Keys Aqueduct Authority	\$325	\$885 to \$1,000	N/A	N/A	\$20	\$60	N/A	N/A	\$20	N/A
10	City of Fort Lauderdale	\$1,549	\$1,549	N/A	\$10	\$10	N/A	\$20	N/A	N/A	\$16 first request; \$70 subsequent requests
11	Fort Pierce Utilities Authority	\$250	\$800	\$50 W, \$70 S or twice the average monthly bill, whichever is greater	\$40	\$15	\$150	\$35	\$150	\$15	No charge for first test during 12-month period; for up to 2" meter, \$75 for each additional test if meter is correct
12	City of Gulfport	\$127	N/A	\$0 Owner; \$135 Renters	N/A	\$14	\$42	\$14	\$42	\$21	\$28 if meter is correct
13	Hillsborough County	\$180	\$320	\$120	\$25	\$15; \$30 for same day	N/A	N/A	N/A	\$20	\$40 if meter is correct for bench test; \$25 for field test
14	Indian River County	\$130	\$2,785 W; \$2,895 S	\$50 per ERU	\$25	\$75	\$95	\$75	\$95	N/A	\$75 onsite; Cost plus overhead for offsite
15	Lee County	\$260	\$1,025	\$60 W; \$95 S	\$45	\$45	\$55	\$50	\$65	\$35	\$70 if meter is correct
16	Town of Longboat Key	\$205	\$870	\$200 per equivalent living unit	\$25	\$25	\$115	\$75	N/A	\$25	\$200 if meter is correct
17	Manatee County	\$300	\$675	\$150 W/S	N/A	\$25	N/A	\$50	N/A	N/A	\$50 if meter is correct

Table 4-3

City of North Port, Florida
Utility Rate Analysis

Miscellaneous Service Charge Comparison

Line No.	Utility	Meter Installation Charge Without Service Line Installation (Drop-In) [1]	Meter Installation Charge With Service Line Installation [1]	Minimum Deposits Required [2]	Application / Initiation of Service	Normal Turn-On/Off		Violation Reconnection Charge		Meter Reread	Meter Test
						Normal Business Hours	After Hours	Normal Business Hours	After Hours		
NP	City of North Port - Existing Fees	\$270	\$740 short, \$1,150 long	\$60 W, \$95 S	\$40	\$35	\$100	\$35	\$100	\$335.00 if meter is correct	\$50
NP	City of North Port - Proposed Fees	\$280	\$945 regardless of whether short or long	\$65 W, \$100 S	\$45	\$35	\$100	\$55	\$120	\$540.00 if meter is correct	\$50

Other Comparable Utilities:

18	City of Marco Island	\$125	\$297	N/A	\$30	\$30	\$75	\$30	N/A	\$75	\$30 for field test, \$75 for bench test if meter is correct
19	Martin County	\$335	\$785	Two months' estimated use or \$65 for water and \$130 for water and wastewater, whichever is greater; returned after 25 months of excellent payment history	\$20	\$20; \$45 for same day	\$50	\$50	N/A	\$20	\$20 if meter is correct
20	Miami-Dade County	\$145; \$385 after hours	\$1,200	\$0 to \$100 based on customer's credit analysis and payment history	\$10	N/A	N/A	N/A	N/A	\$12.50	In-House Testing: \$50 for 5/8-inch to 1-inch, \$85 for 1-1/2-inch and 2-inch if meter is correct; Third-Party Vendor Testing: \$90 for 5/8-inch to 1-inch, \$160 for 1-1/2-inch and 2-inch if meter is correct
21	City of Naples	\$480	\$1,170	N/A	\$0	\$26	\$85	\$26	\$85	\$26	\$68 if meter is correct
22	Okeechobee Utility Authority	\$160	\$250	\$152	N/A	\$13 turn-on; \$13 turn-off	\$54 turn-on; \$54 turn-off	N/A	N/A	\$13	\$38 for 5/8" x 3/4" meter if meter is correct
23	Orlando Utilities Commission (OUC)	\$410	\$1,550	N/A	N/A	N/A	N/A	\$45	\$65	No charge once in 12-month period; \$35 for second and subsequent if meter is accurate	\$185
24	Pinellas County	\$435	\$1,190	\$100 W; \$115 S	N/A	\$16 turn-on future date, \$32 turn-on same date	N/A	\$21 delinquent turn-off fee; \$19 delinquent turn-on fee future date; \$32 delinquent turn-on fee same date	N/A	\$19	Bench Test: \$35 up to 1" meter if meter is correct
25	St. Lucie County	\$434	Actual Cost	\$85 W; \$89 S	N/A	\$38 W; \$38 S	\$106 W; \$106 S	\$48 W; \$48 S	N/A	N/A	\$38 W; \$38 S if meter is correct

Table 4-3

City of North Port, Florida
Utility Rate Analysis

Miscellaneous Service Charge Comparison

Line No.	Utility	Meter Installation Charge Without Service Line Installation (Drop-In) [1]	Meter Installation Charge With Service Line Installation [1]	Minimum Deposits Required [2]	Application / Initiation of Service	Normal Turn-On/Off		Violation Reconnection Charge		Meter Reread	Meter Test
						Normal Business Hours	After Hours	Normal Business Hours	After Hours		
NP	City of North Port - Existing Fees	\$270	\$740 short, \$1,150 long	\$60 W, \$95 S	\$40	\$35	\$100	\$35	\$100	\$35.00 if meter is correct	\$50
NP	City of North Port - Proposed Fees	\$280	\$945 regardless of whether short or long	\$65 W, \$100 S	\$45	\$35	\$100	\$55	\$120	\$40.00 if meter is correct	\$50

Other Comparable Utilities:

26	City of Sarasota	\$100	\$325	\$150	\$25	\$15	\$75	\$30	\$75	N/A	\$25 if meter is correct
27	Sarasota County	\$200	\$200 plus actual cost for service line installation	\$75 W; \$75 S	\$15	\$25	\$50	\$25	\$50	No charge for first request; \$25 for second request within same 12-month period	\$25 for meter calibration test
28	City of West Palm Beach	\$610	\$1,973	\$190	\$43 up to 1-inch	\$28	\$56	\$56	N/A	\$28	\$35 up to 1-inch if meter is correct
29	City of Winter Park	\$794	\$794	\$105	\$29	\$29	\$87	\$44	\$87	N/A	Field Test: \$29 if meter is correct; Bench Test: \$62 in-house, \$108 outside service contracted

N/A = Information not available or applicable.

Footnotes:

[1] Amounts shown are for a 5/8" or 3/4" standard residential service.

[2] Amounts shown are for a 5/8" or 3/4" standard residential service and represent Owner deposits, unless otherwise specified.

Table 4-3

City of North Port, Florida
Utility Rate Analysis

Miscellaneous Service Charge Comparison

Line No.	Utility	Returned Check Charge	Late Payment Fee	Backflow Preventer Installation [1]	Fire Flow Test	Utility Inspection Fee	Meter Tampering Charge or Unauthorized Connection
NP	City of North Port - Existing Fees	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	1% of unpaid balance, but not amounting to less than \$5.00	Actual Charges + \$20.00 Administrative Fee	\$120	6.5% of utility construction cost for project costs of \$0 to \$2 million, + 2.5% of utility construction costs >\$2 million; \$250 minimum	\$300 penalty + recovery of actual costs and revenue as determined by Utility Staff
NP	City of North Port - Proposed Fees	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	1% of unpaid balance, but not amounting to less than \$5.00	Actual Charges + \$25.00 Administrative Fee	\$130	6.5% of utility construction cost for project costs of \$0 to \$2 million, + 2.5% of utility construction costs >\$2 million; \$250 minimum	\$300 penalty + recovery of actual costs and revenue as determined by Utility Staff

Other Comparable Utilities:

1	Bonita Springs Utilities, Inc.	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	\$5 or 1% of past due amount, whichever is greater	\$250	\$75	Greater of \$500 or 1.0% of construction cost	3 times amount of services unlawfully obtained or \$3,000, whichever is greater
2	Broward County	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	1% of amount due	N/A	N/A	\$1,000 plus 6% of project cost	N/A
3	Charlotte County	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	3% of current bill	N/A	\$50	N/A	\$200 for 1st occurrence, \$400 for 2nd occurrence, \$600 for 3rd occurrence and above; plus damages
4	City of Clearwater	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	N/A	\$140 double-check; \$170 reduced-pressure	\$50	N/A	\$500 per occurrence
5	Collier County Water-Sewer District	Per Florida Statute 832.07: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5% of check amount, whichever is greater	5% of current charges	Actual time and material cost	N/A	N/A	Actual time and material cost, plus consumption, plus other applicable fees as provided for in Section 2-2044(b) of the Collier County Code of Laws and Ordinances
6	DeSoto County	\$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40	Monthly: 1.5% of outstanding balance or \$15, whichever is greater	N/A	\$100	\$100 or time, materials, and overhead, whichever is greater	3 times estimated Base + Volume + Excess Volume charges as determined by Department
7	Englewood Water District	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	\$5.00 or 1.5% of Cumulative Balance, whichever is greater	\$65	\$175	N/A	First offense: \$500 plus cost of replacing damaged property; Second offense: \$1,000 plus cost of replacing damaged property; Third and subsequent offense: \$1,500 plus cost of replacing damaged property
8	Florida Governmental Utility Authority - Golden Gate	\$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; \$300.01 to \$800 is \$40; \$800.01 and over is 5% of face value	5%; minimum \$5	N/A	N/A	2.5% of utility construction cost; minimum \$500	\$300 plus revenue loss

Table 4-3

City of North Port, Florida
Utility Rate Analysis

Miscellaneous Service Charge Comparison

Line No.	Utility	Returned Check Charge	Late Payment Fee	Backflow Preventer Installation [1]	Fire Flow Test	Utility Inspection Fee	Meter Tampering Charge or Unauthorized Connection
NP	City of North Port - Existing Fees	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	1% of unpaid balance, but not amounting to less than \$5.00	Actual Charges + \$20.00 Administrative Fee	\$120	6.5% of utility construction cost for project costs of \$0 to \$2 million, + 2.5% of utility construction costs >\$2 million; \$250 minimum	\$300 penalty + recovery of actual costs and revenue as determined by Utility Staff
NP	City of North Port - Proposed Fees	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	1% of unpaid balance, but not amounting to less than \$5.00	Actual Charges + \$25.00 Administrative Fee	\$130	6.5% of utility construction cost for project costs of \$0 to \$2 million, + 2.5% of utility construction costs >\$2 million; \$250 minimum	\$300 penalty + recovery of actual costs and revenue as determined by Utility Staff

Other Comparable Utilities:

9	Florida Keys Aqueduct Authority	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	Greater of \$4 or 10% account balance	N/A	\$70	N/A	\$150 tampering charge; \$300 repeat occurrence
10	City of Fort Lauderdale	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	1% late penalty on outstanding balance	N/A	N/A	N/A	N/A
11	Fort Pierce Utilities Authority	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	\$15 late payment fee; penalty on past due accounts > \$50 is 1.5% of past due amount	N/A	N/A	N/A	\$200
12	City of Gulfport	N/A	1.5% per month on unpaid balance	N/A	N/A	N/A	\$100
13	Hillsborough County	\$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; \$300.01 to \$800 is \$40; \$800.01 and over is 5% of face value	0.03288% per day on unpaid balance (12% per annum)	\$90 double-check; \$60 residential dual-check; \$350 reduced pressure zone	N/A	N/A	\$100 + estimated usage
14	Indian River County	Florida Statute 832.08: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	\$2 plus 1.5% per month	N/A	N/A	N/A	N/A
15	Lee County	N/A	\$5 or 1% of the outstanding past due amount, whichever is greater	N/A	N/A	N/A	\$500 initial; increasing by \$500 for each subsequent occurrence
16	Town of Longboat Key	Same as Florida Statute 832.07: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	10% of bill up to maximum of \$250 per month	N/A	N/A	N/A	N/A
17	Manatee County	N/A	2% of current bill; minimum \$5	N/A	\$75 per hydrant	N/A	Estimated usage plus \$100

Table 4-3

City of North Port, Florida
Utility Rate Analysis

Miscellaneous Service Charge Comparison

Line No.	Utility	Returned Check Charge	Late Payment Fee	Backflow Preventer Installation [1]	Fire Flow Test	Utility Inspection Fee	Meter Tampering Charge or Unauthorized Connection
NP	City of North Port - Existing Fees	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	1% of unpaid balance, but not amounting to less than \$5.00	Actual Charges + \$20.00 Administrative Fee	\$120	6.5% of utility construction cost for project costs of \$0 to \$2 million, + 2.5% of utility construction costs >\$2 million; \$250 minimum	\$300 penalty + recovery of actual costs and revenue as determined by Utility Staff
NP	City of North Port - Proposed Fees	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	1% of unpaid balance, but not amounting to less than \$5.00	Actual Charges + \$25.00 Administrative Fee	\$130	6.5% of utility construction cost for project costs of \$0 to \$2 million, + 2.5% of utility construction costs >\$2 million; \$250 minimum	\$300 penalty + recovery of actual costs and revenue as determined by Utility Staff

Other Comparable Utilities:

18	City of Marco Island	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	N/A	N/A	N/A	N/A	\$1,000
19	Martin County	\$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$50 charge; \$300.01 to \$800 is \$50; \$800.01 and over is 5% of face value	N/A	N/A	N/A	N/A	N/A
20	Miami-Dade County	Florida Statute 832.08; \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	N/A	N/A	N/A	N/A	N/A
21	City of Naples	In accordance with Florida Statute 832.08(5): \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40	5%	N/A	N/A	N/A	\$500
22	Okeechobee Utility Authority	Same as Florida Statute 832.07: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	10% per month on delinquent amount due to date account is closed or meter removed	N/A	\$87	N/A	Fees range from \$25 to \$589 plus usage fee of estimated gallons for unauthorized use
23	Orlando Utilities Commission (OUC)	\$25	N/A	N/A	N/A	N/A	N/A
24	Pinellas County	Same as Florida Statute 68.065: \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	10% of balance due; \$1 minimum and \$500 maximum	\$615 reduced pressure device - single; \$1,030 reduced pressure device - parallel; \$565 double check valve device - single; \$930 double check valve device - parallel	\$75	N/A	N/A
25	St. Lucie County	N/A	\$6 per bill	N/A	N/A	1.5% of construction cost	N/A

Table 4-3

City of North Port, Florida
Utility Rate Analysis

Miscellaneous Service Charge Comparison

Line No.	Utility	Returned Check Charge	Late Payment Fee	Backflow Preventer Installation [1]	Fire Flow Test	Utility Inspection Fee	Meter Tampering Charge or Unauthorized Connection
NP	City of North Port - Existing Fees	Same as Florida Statute 68.065; \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	1% of unpaid balance, but not amounting to less than \$5.00	Actual Charges + \$20.00 Administrative Fee	\$120	6.5% of utility construction cost for project costs of \$0 to \$2 million, + 2.5% of utility construction costs >\$2 million; \$250 minimum	\$300 penalty + recovery of actual costs and revenue as determined by Utility Staff
NP	City of North Port - Proposed Fees	Same as Florida Statute 68.065; \$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	1% of unpaid balance, but not amounting to less than \$5.00	Actual Charges + \$25.00 Administrative Fee	\$130	6.5% of utility construction cost for project costs of \$0 to \$2 million, + 2.5% of utility construction costs >\$2 million; \$250 minimum	\$300 penalty + recovery of actual costs and revenue as determined by Utility Staff

Other Comparable Utilities:

26	City of Sarasota	\$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; over \$300 is \$40 or 5%, whichever is greater	Unpaid charges accrue interest at rate set by Comptroller of State of Florida, pursuant to Florida Statute 55.03	N/A	N/A	N/A	First occurrence, \$150; subsequent occurrences, \$300
27	Sarasota County	\$0 to \$50 is a \$25 charge; \$50.01 to \$300 is a \$30 charge; \$300.01 to \$800 is \$40; \$800.01 and over is 5% of face value	1.5% of past due balance (Minimum charge \$2)	N/A	\$50	6.5% of utility construction cost or minimum of \$260, whichever is greater	Both Meter Tampering and Unauthorized Connection: First occurrence, \$150; subsequent occurrences, \$300
28	City of West Palm Beach	\$25 or max per law	\$10 or 1% of unpaid balance of each service agreement, whichever is greater	N/A	N/A	N/A	N/A
29	City of Winter Park	\$25 or 5% of check amount, whichever is greater	N/A	N/A	N/A	N/A	N/A

N/A = Information not available or applicable.

Footnotes:

- [1] Amounts shown are for a 5/8" or 3/4" standard residential service.
- [2] Amounts shown are for a 5/8" or 3/4" standard residential service and represent Owner deposits, unless otherwise specified.



APPENDIX A
Existing User Rate Resolution



City of North Port

RESOLUTION NO. 2015-R-29 (Water and Wastewater Rates)

A RESOLUTION OF THE CITY OF NORTH PORT, FLORIDA, ESTABLISHING AND ADOPTING THE WATER BASE FACILITY CHARGES AND USAGE CHARGES; ESTABLISHING AND ADOPTING THE WASTEWATER BASE FACILITY CHARGES AND USAGE CHARGES; ESTABLISHING AND ADOPTING A COST PRICE INDEX; ESTABLISHING AND ADOPTING THE PRIVATE FIRE PROTECTION SERVICES SCHEDULE; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS; pursuant to Section 18 of Ordinance No. 09-01 and Sec. 78-38 of the Code of the City of North Port, the City Commission shall have the duty, right and authority to establish and adopt by Resolution a Water System Rate Schedule, which shall apply to each customer of the City's Water Systems; and

WHEREAS, pursuant to Section 19 of Ordinance No. 09-01 and Sec. 78-39 of the Code of the City of North Port, the City Commission shall have the duty, right and authority to establish and adopt by Resolution a Wastewater System Rate Schedule which shall apply to each customer of the City's Wastewater System; and

WHEREAS, pursuant to Section 9 of Ordinance No. 09-01 and Sec. 78-29 of the Code of the City of North Port, the City Commission shall have the duty, right and authority to establish and adopt by Resolution a Private Fire Protection Service Schedule which shall apply to each

of the City of North Port, the City Commission shall have the duty, right and authority to

APPENDIX A: EXISTING RATE RESOLUTION

Establish and adopt by Resolution Guaranteed Revenue Charges which shall apply to unconnected but purchased equivalent residential connection per year to the water system and wastewater system; and

WHEREAS, the Commission held a public meeting on December 14, 2015 whereby all the owners, tenants, occupants of property served by North Port Utilities and all other interested parties had an opportunity to be heard concerning the proposed schedules setting rates, notice of which was properly and timely published in a newspaper published in the City of North Port.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF NORTH PORT, FLORIDA:

SECTION 1 - ADOPTION OF WATER SYSTEM RATES

1.01 - The City Commission hereby adopts the water system rates, including bulk rates and deposits as set in Ordinance No. 09-01 and attached hereto as Attachment "A".

SECTION 2 - ADOPTION OF WASTEWATER SYSTEM RATES

2.01 - The City Commission hereby adopts the wastewater system rates, including deposits as set in Ordinance 09-01, and attached hereto as Attachment "B".

SECTION 3 - ADOPTION OF A PRIVATE FIRE PROTECTION SERVICE SCHEDULE

3.01 - The City Commission hereby adopts the private fire protection service schedule as set in Ordinance 09-01, and attached hereto as Attachment "D".

APPENDIX A: EXISTING RATE RESOLUTION

customer who has fire lines or standpipes located within the premises of the building or privately owned hydrants maintained by the City; and

WHEREAS, pursuant to Section 14 of Ordinance No. 09-01 and Sec. 78-34 of the Code

APPENDIX A: EXISTING RATE RESOLUTION

SECTION 4 - ADOPTION OF A GUARANTEED REVENUE CHARGES FEE SCHEDULE

4.01 - The City Commission hereby adopts the guaranteed revenue charges fee schedule as set in Ordinance 09-14, and attached hereto as Attachment "E".

SECTION 5 - ADOPTION OF A COST PRICE INDEX

5.01 - The rates adopted pursuant to Sections 1 and 2, including deposits (because this is an estimated two months billing, only adjust if calculation reflects change is required) above shall be further automatically increased or decreased annually with the bills rendered as of the first day of the fiscal year as set forth in Section 5, without hearing, based upon applying one-hundred-percent (100%) of the percentage change in the Miami-Fort Lauderdale Consumer Price Index (all urban consumers) as reported by the Bureau of Labor Statistics as of January each year. This section shall be applied in any year when a rate adjustment is not being recommended.

SECTION 6 - CONFLICTS

6.01 - If there is conflict between the provision of this Resolution and any other Resolution or Ordinance or portion thereof, the provisions of this Resolution shall prevail to the extent of such conflict.

SECTION 7 - SEVERABILITY

7.01 - If any section, subsection, sentence, clause, phrase or portion of this Resolution is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions.

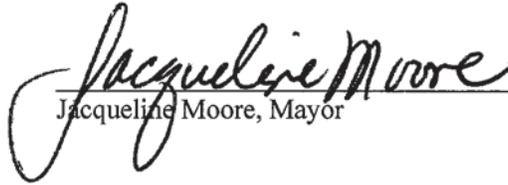
SECTION 8 - EFFECTIVE DATE

8.01 - This Resolution shall become effective with bills presented to customers on or after January 1, 2016.

APPENDIX A: EXISTING RATE RESOLUTION

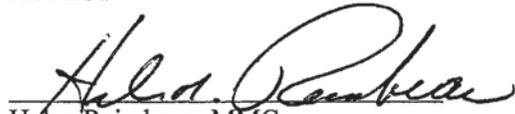
PASSED AND ADOPTED in public session this 14th day of December 2015.

CITY OF NORTH PORT, FLORIDA



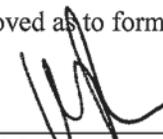
Jacqueline Moore, Mayor

ATTEST



Helen Raimbeau, MMC
City Clerk

Approved as to form and correctness:



Mark Moriarty
City Attorney

APPENDIX A: EXISTING RATE RESOLUTION

**Attachment A
City of North Port Utilities Department
Water Base Facility Charges, Usage Charges, Bulk Water Rates and Deposit Fee Schedule**

Water Base Facility Charge	Effective Date January 1, 2016		Effective Date October 1, 2016	
	Inside City	Outside City	Inside City	Outside City
	<u>Meter Size</u>			
5/8" x 3/4"	\$17.80	\$20.47	\$18.42	\$21.18
1"	\$41.45	\$47.67	\$42.90	\$49.34
1-1/2"	\$80.87	\$93.00	\$83.70	\$96.26
2"	\$128.20	\$147.43	\$132.69	\$152.59
3"	\$254.34	\$292.49	\$263.24	\$302.73
4"	\$396.27	\$455.71	\$410.14	\$471.66
6"	\$790.51	\$909.09	\$818.18	\$940.91
8"	\$1,263.59	\$1,453.13	\$1,307.82	\$1,503.99
10"	\$1,815.51	\$2,087.84	\$1,879.05	\$2,160.91
12"	\$3,392.48	\$3,901.35	\$3,511.22	\$4,037.90

Water Usage Charge (volume charge)	Effective Date January 1, 2016		Effective Date October 1, 2016	
	Inside City	Outside City	Inside City	Outside City
	Usage Block 1	\$3.80	\$4.37	3.93
Usage Block 2	\$5.69	\$6.54	5.89	6.77
Usage Block 3	\$7.99	\$9.19	8.27	9.51
Usage Block 4	\$10.66	\$12.26	11.03	12.68
Usage Block 5	\$13.68	\$15.73	14.16	16.28
Usage Block 6	\$19.02	\$21.87	19.69	22.64

Conservation Block Structure Meter Size	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6
	5/8" x 3/4"	4,000	8,000	12,000	16,000	20,000
1"	10,000	20,000	30,000	40,000	50,000	Over 50,000
1-1/2"	20,000	40,000	60,000	80,000	100,000	Over 100,000
2"	32,000	64,000	96,000	128,000	160,000	Over 160,000
3"	64,000	128,000	192,000	256,000	320,000	Over 320,000
4"	100,000	200,000	300,000	400,000	500,000	Over 500,000
6"	200,000	400,000	600,000	800,000	1,000,000	Over 1,000,000
8"	320,000	640,000	960,000	1,280,000	1,600,000	Over 1,600,000
10"	460,000	920,000	1,380,000	1,840,000	2,300,000	Over 2,300,000
12"	860,000	1,720,000	2,580,000	3,440,000	4,300,000	Over 4,300,000

	Effective Date	
	January 1, 2016	October 1, 2016
Wholesale or Bulk Water Rate per 1,000 gallons	\$4.75	\$4.92

Water Deposit	
	Effective Date
<u>Meter Size (Residential)</u>	January 1, 2016
5/8" x 3/4"	\$60
1"	150
1-1/2"	300
2"	480
	Effective Date
<u>Meter Size (Commercial & Multi-Family)</u>	January 1, 2016
5/8" x 3/4"	\$60
1"	150
1-1/2"	300
2"	480
Over 2"	Estimated 2 months billing
	Effective Date
<u>Construction Meters</u>	January 1, 2016
Ground	
5/8" x 3/4"	\$350
Hydrant	
5/8" x 3/4"	\$350
2"	\$805
3"	\$1,320

APPENDIX A: EXISTING RATE RESOLUTION

**Attachment B
City of North Port Utilities Department
Wastewater Base Facility Charges, Usage Charges and Deposit Fee Schedule**

Wastewater Base Facility Charge	Effective Date January 1, 2016		Effective Date October 1, 2016	
	Inside City	Outside City	Inside City	Outside City
<u>Residential Meter Size</u> All meters	\$27.96	\$32.15	\$28.38	\$32.64
<u>Commercial/Master Meter Size</u>	Inside City	Outside City	Inside City	Outside City
5/8" x 3/4"	\$27.96	\$32.15	\$28.38	\$32.64
1"	\$69.94	\$80.43	\$70.99	\$81.64
1-1/2"	\$139.87	\$160.85	\$141.97	\$163.27
2"	\$223.81	\$257.38	\$227.17	\$261.25
3"	\$447.63	\$514.77	\$454.34	\$522.49
4"	\$699.41	\$804.32	\$709.90	\$816.39
6"	\$1,398.82	\$1,608.64	\$1,419.80	\$1,632.77
8"	\$2,238.11	\$2,573.83	\$2,271.68	\$2,612.43
10"	\$3,217.29	\$3,699.88	\$3,265.55	\$3,755.38
12"	\$6,014.92	\$6,917.16	\$6,105.14	\$7,020.91

Wastewater Usage (volume charge)	Effective Date January 1, 2016		Effective Date October 1, 2016	
	Inside City	Outside City	Inside City	Outside City
All Usage **	\$6.08	\$6.99	\$6.17	\$7.10

**Monthly individually metered wastewater residential usage charges are capped at 12,000 gallons

Wastewater Deposit	
	Effective Date
	January 1, 2016
<u>Meter Size (Residential)</u>	\$95
5/8" x 3/4"	\$95
1"	\$95
1-1/2"	\$95
2"	\$95
	Effective Date
	January 1, 2016
<u>Meter Size (Commercial & Multi-Family)</u>	\$95
5/8" x 3/4"	\$240
1"	\$475
1-1/2"	\$760
2"	Estimated 2
Over 2"	months billing

APPENDIX A: EXISTING RATE RESOLUTION

**Attachment C
City of North Port Utilities Department
Reclaimed Water Rates Fee Schedule
NO CHANGE FROM LAST COMMISSION APPROVED UPDATE**

	Effective Date
Reclaimed Water Rate per 1,000 gallons	June 1, 2006 \$0.55

APPENDIX A: EXISTING RATE RESOLUTION

**Attachment D
City of North Port Utilities Department
Annual Private Fire Protection Rates Fee Schedule**

Fire Protection Service Charges Meter Size:	Effective Date January 1, 2016	Effective Date October 1, 2016
1 1/2"	\$81	\$84
2"	\$128	\$133
3"	\$254	\$263
4"	\$396	\$410
6"	\$791	\$818
8"	\$1,264	\$1,308
10"	\$1,816	\$1,879
12"	\$3,392	\$3,511
Hydrant	\$791	\$818

APPENDIX A: EXISTING RATE RESOLUTION

**Attachment E
City of North Port Utilities Department
Annual Guaranteed Revenue Rates Fee Schedule**

	Effective Date
Annual Guaranteed Revenue Charge	October 1, 2016
Water	\$205
Wastewater	\$190

APPENDIX A: EXISTING RATE RESOLUTION

**Attachment F
City of North Port Utilities Department
US41 Corridor surcharge recovery fee per ERC (rounded to the nearest ERC)
with indexing rate**

NO CHANGE FROM LAST COMMISSION APPROVED UPDATE

Wastewater		Index Rate	Corridor Surcharge per ERC
Year 1 [1]			\$1,620.00
Year 2		3.00%	1,669.00
Year 3		3.00%	1,719.00
Year 4		3.00%	1,771.00
Year 5		3.00%	1,824.00
Year 6		3.00%	1,879.00
Year 7		3.00%	1,935.00
Year 8		3.00%	1,993.00
Year 9		3.00%	2,053.00
Year 10 and thereafter		3.00%	2,115.00

Water		Index Rate	Corridor Surcharge per ERC
Year 1 [1]			\$400.00
Year 2		3.00%	\$412.00
Year 3		3.00%	\$424.00
Year 4		3.00%	\$437.00
Year 5		3.00%	\$450.00
Year 6		3.00%	\$464.00
Year 7		3.00%	\$478.00
Year 8		3.00%	\$492.00
Year 9		3.00%	\$507.00
Year 10 and thereafter		3.00%	\$522.00

[1] Assumes that the initial rate would be implemented during Fiscal Year 2011; however initial rate could be implemented at any time by City. Rate also could be implemented mid-year and assumes that the following October 1st rate would be adjusted accordingly (unless implemented by City near end of initial fiscal year).



APPENDIX B
Existing Capacity Fee Ordinance

ORDINANCE NO. 2015-49



City of North Port

ORDINANCE NO. 2015-49

AN ORDINANCE TO AMEND THE CODE OF THE CITY OF NORTH PORT, FLORIDA SECTION 78 ENTITLED "THE WATER AND WASTEWATER UTILITIES ORDINANCE"; BY AMENDING SECTION 78-23 TO PROVIDE FOR DEFINITIONS; BY AMENDING SECTION 78-24 TO PROVIDE GENERAL TERMS AND CONDITIONS REGARDING WATER, WASTEWATER AND RECLAIMED WATER SERVICE; BY AMENDING SECTION 78-25 TO PROVIDE FOR WATER METER INSTALLATION CHARGES; BY AMENDING SECTION 78-27 TO PROVIDE FOR CUSTOMER DEPOSITS; BY AMENDING SECTION 78-28 TO PROVIDE FOR ACTIVATION OF SERVICE, REINSTATEMENT OF EXISTING SERVICE, DELINQUENCY PROCESSING FEE, DELINQUENCY DISCONNECTION FEE, CONSTRUCTION METER VERIFICATION PENALTY, PREMISE VISIT FEE; BY AMENDING SECTION 78-29 TO PROVIDE FOR PRIVATE FIRE PROTECTION SERVICE; BY AMENDING SECTION 78-30 TO PROVIDE FOR WATER AND WASTEWATER CAPACITY FEES; BY AMENDING SECTION 78-32 TO PROVIDE FOR RETURNED PAYMENT CHARGES; BY AMENDING SECTION 78-37 TO PROVIDE FOR REIMBURSEMENT FOR EXTRA EXPENSES; BY AMENDING SECTION 78-43 TO PROVIDE FOR NOTICES; PROVIDING FOR LIBERAL CONSTRUCTION AND INTERPRETATION; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; AND PROVIDING AN EFFECTIVE DATE.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF NORTH PORT,

FLORIDA:

SECTION 1. DEFINITIONS

1.01 – Section 78-23. Definitions are hereby amended to read as follows:

Applicant means the owner of residential real property or the person or legal entity which has the legal right to utilize commercial real property by means of any form of legal means which real property is to be served by water, wastewater or reclaimed water service. The terms "applicant", "developer", and "property owner" are synonymous and may be used interchangeably herein.

APPENDIX B: EXISTING CAPACITY FEE ORDINANCE

ORDINANCE NO. 2015-49

Application means a written request from an applicant requesting that, pursuant to a utilities agreement, specific water service and/or wastewater service and/or reclaimed water service be provided to and for certain real property.

Backflow (see Cross connection).

Base facility charge means the availability of service or readiness-to-serve charge. The charge is intended to recover a portion of the capital costs of the water or wastewater infrastructure which provides water or wastewater to customers as well as a portion of the costs to maintain the city's fire protection system. Base facility charges are based on the size of the meter and billed to each customer monthly regardless of whether the service is on or in an off (vacation/delinquent) status and regardless of whether or not any water is being used.

Biochemical oxygen demand or BOD means the quantity of oxygen in the biochemical oxidation of the organic matter in wastewater under standard laboratory procedures in five days at 20 ° Celsius, expressed in milligrams per liter. The BOD shall be determined in accordance with procedures set forth in the Standard Methods for the Examination of Water and Wastewater.

Bulk water rate is the rate applied for wholesale customers who enter into an agreement with the city for purchase of bulk water.

City means the City of North Port, Florida, a municipal corporation of the State of Florida.

Collection facilities means the lines, pipes, and appurtenant equipment and all other related equipment or facility, of whatever type or nature, used to collect sewage from sewer facilities, buildings, structures or facilities and to transmit it to wastewater transmission facilities.

Commission means the City Commission of the City of North Port, Florida.

Construction meter rates means the rate for the use of the construction meter including a base facility charge and a usage charge, if applicable.

Cross connection means any physical arrangement whereby a public water supply is connected directly or indirectly with any other water supply system, sewer, drain, conduit, pool, storage reservoir, plumbing fixture, or any other device, facility or system which contains or may contain contaminated water, sewage, waste material or other material or substance of unknown or potentially unsafe quality which may be capable of imparting contamination to the public water supply as a result of backflow. Bypass arrangements, jumper connections, changeable devices or other devices through which or because of which backflow could occur, are deemed to constitute cross connection.

Customer means any person, firm or corporation who has entered into an agreement to receive water, wastewater and/or reclaimed water service from the city and who is liable for the payment of that water, wastewater and/or reclaimed water service.

Customer installations means all water, wastewater and/or reclaimed water facilities which ordinarily and customarily exist on the customer's side of the point of delivery, or collection such as, by way or example and not limitation, curb stops and lateral connections.

Delinquent bills or delinquency means a bill which is not paid by the 22nd day after the bill has been mailed and/or presented to the customer for payment.

Distribution facilities means the lines, pipes, meters, and appurtenant equipment and any other related equipment or facility, or whatever type or nature, used to distribute water and/or reclaimed water from the utilities to the customer for usage.

Easement means an acquired legal right for the specific use of land owned by others.

Equivalent residential connection or ERC means a factor used to calculate the average daily flow (ADF) of all connections. The ADF of one ERC is deemed to be 225 gallons per day (GPD) for wastewater service and 250 GPD for water service.

APPENDIX B: EXISTING CAPACITY FEE ORDINANCE

ORDINANCE NO. 2015-49

FDEP means the Florida Department of Environmental Protection or its successor agency.

Gallons per day or GPD means gallons per day on an average daily basis.

Hazardous waste means any substance, waste, or product that is potentially damaging to environmental health by becoming toxic, ignitable, corrosively chemically reactive, radioactive, have infectious characteristics, or any other reason.

Mains refers to pipe, conduit, or other facilities installed to convey water and/or reclaimed water service to individual service lines or to other mains, or in the case of sewer lines, to convey sewer service from individual service lines to other mains.

Master meter means a single meter serving a multifamily residential, a multiunit commercial or industrial facility. This term includes, but is not limited to, master meters serving condominiums, apartments, mobile home parks, hotels, motels, travel trailer parks, shopping centers, and office buildings.

Meter means a device used to measure water or reclaimed water delivered to "point of delivery" by the City.

Point of delivery means the designated point at which the applicant's property is connected to the water facilities, wastewater facilities, or reclaimed water facilities.

Private fire protection means the existence of separate fire connections, standpipes with hose attachments, automatic fire sprinkler systems and/or privately owned hydrants maintained by the city which serve a customer.

Property means the real property owned or controlled by an applicant for which water service capacity allocation, wastewater service capacity allocation, or both, is requested.

Reclaimed water means treated wastewater effluent that has been appropriately treated and which, as a result of the treatment of wastes, is suitable and usable for direct beneficial uses or a controlled use by and for public agricultural, commercial, residential or industrial development, projects or purposes including, but not limited to, irrigation purposes in green areas of developments or other appropriate uses.

Reclaimed water facilities means those wastewater facilities necessary to treat, transmit, store, and dispose of wastewater previously treated at treatment facilities for irrigation purposes.

Service lines means the pipes of the city which are connected from the mains to the "point of delivery".

Sewer or wastewater means a combination of any type of the water-carried wastes from residences, business buildings, institutions, industrial establishments, any and all other customers' facilities, together with such ground, surface and stormwaters as may be present, but does not mean or include hazardous or toxic wastes.

System means the city water or wastewater or reclaimed water system.

Transmission lines means those lines and appurtenant facilities used to either transmit wastewater from the collection system to the wastewater treatment plant or transmit treated wastewater to a final effluent disposal site or transmit water from the water treatment plant to the distribution system. Transmission lines are generally any main greater than 16 inches in size for water or reclaimed water and any main greater than 12 inches in size for wastewater and serve or are intended to serve more than one parcel of property.

Unauthorized connection means any connection to the city's water, wastewater or reclaimed water system that is not made by a city employee or designee. This includes, but is not limited to, recorded usage of water after a meter has been shut off for nonpayment or has been seasonally shut off and shall be subject to fines.

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Usage charge means the variable charge per 1,000 gallons billed on a monthly basis for water and wastewater usage which includes the variable costs associated with production and delivery of water and collection, treatment, and disposal of wastewater. Usage of water is reflected as a block/tier charge for water and the usage charge for wastewater is reflected as a single tier charge for wastewater being collected from a connection. Residential wastewater usage is charged only up to 12,000 gallons to reflect that a portion of the water used is for outdoor usage and will not be processed at the wastewater plant.

User rates or rates means the city's applicable schedules of rates and charges for water, wastewater and reclaimed water services, including, by way of illustration and not limitation, connection fees, meter installation fees, and any and all other fees or charges which may be in effect from time to time adopted by the city.

Utilities agreement means a written agreement between the city and a property owner which establishes the terms and conditions pursuant to which the city will provide water and/or wastewater and/or reclaimed water service.

Utilities facilities, facilities or installations^u means, by way of illustration and not limitation, all equipment, fixtures, pumps, lines, mains, manholes, lift stations, pumping stations, laterals, service connections, and any and all appurtenances thereto together with all real property, easements and rights-of-way necessary to provide water, wastewater and reclaimed water service to property whether located on site or off site.

Wastewater capacity fee means a fee or charge paid to the city by an applicant for the purpose of obtaining wastewater service capacity. Capacity fees are utilized for the acquisition, improvement, expansion, and construction of facilities deemed necessary by the city to furnish wastewater service capacity and related service to the property and to adequately fund capital improvements in and for the system. The term specifically does not include the costs of collection facilities as defined previously or customer installations, the cost for which shall be fully borne by the applicant.

Wastewater service capacity means the rate of wastewater flow on an average daily basis measured in gallons per day, which can be treated and disposed of according to a wastewater facilities design.

Water capacity fee means a fee or charge paid to the city by an applicant for the purpose of obtaining water service capacity. Capacity fees are utilized for the acquisition, improvement, expansion, and construction of facilities deemed necessary by the city to furnish water service capacity and related services to the property and to adequately fund capital improvements in and for the system. The term specifically does not include the costs of distribution facilities as defined previously or customer installations, the cost for which shall be fully borne by the applicant.

Water service capacity means the amount of water which can be pumped, treated, transmitted and distributed, on an average daily basis, where such amount is measured in gallons per day and includes fire flows.

Water block/tier charge (conservation tier charges) means the water usage charge billed on a monthly basis for a connection which varies by metered water usage, designed in a manner that encourages conservation.

SECTION 2. GENERAL TERMS AND CONDITIONS REGARDING WATER, WASTEWATER AND RECLAIMED WATER SERVICE.

2.01 – Section 78-24. General terms and conditions regarding water, wastewater and reclaimed water service are hereby amended to read as follows:

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- (a) Signed application required. Water, wastewater and reclaimed water service may be furnished only after a signed application or agreement and payment of any applicable water and wastewater capacity fees as well as any applicable new account charges are accepted by the city. The conditions of such application or agreement are binding upon the customer as well as upon the city. A copy of the application or agreement for water, wastewater and reclaimed water service accepted by the city will be furnished to the applicant upon request. The applicant shall furnish to the city, proof of ownership for residential, or proof of tenancy for commercial accounts the correct name and street address at which water, wastewater and reclaimed water service is to be rendered.
- (b) Withholding service. The city may withhold or discontinue water and/or wastewater and/or reclaimed water serviced rendered under application made by any member or agent of a household, organization or business unless all prior indebtedness to the city of said service address or of said applicant, household, organization, or business for water, wastewater, reclaimed water, backflow compliance or any miscellaneous utilities service has been settled in full in accordance with city policy. Service may also be discontinued for any violation made by the customer of any rule or regulation set forth in the utilities ordinance.
- (c) Limitation of use. Water, wastewater and reclaimed water service purchased from the city shall be used by the customer only for the purposes specified in the application for water, wastewater and reclaimed water service.
- (d) Continuity of service. The city will at all times use reasonable diligence to provide continuous water, wastewater and reclaimed water service and, having used reasonable diligence, shall not be liable to the customer for failure or interruption of continuous water, wastewater and reclaimed water service. The city shall not be liable for any act or omission caused directly or indirectly by strikes, labor trouble, accidents, litigation, breakdowns, shutdowns for emergency repairs or adjustments; acts of sabotage; enemies of the United States; wars; United States, state, municipal or other governmental interferences; acts of God or other causes beyond its control.
- (e) Type and maintenance. The customer's pipes, apparatus and equipment shall be selected, installed, used and maintained in accordance with standard practice and shall conform with the rules and regulations of the city and the standards and specifications of the utilities department. The city shall not be responsible for the maintenance and operation of the customer's pipes and facilities. The customer expressly agrees not to utilize any appliance or device which is not properly constructed, controlled and protected, or which may adversely affect water, wastewater or reclaimed water service provided by the city. The city reserves the right to discontinue or withhold water, wastewater and reclaimed water service to such apparatus or device.
- (f) Change of customer's installation. No changes or increases in the customer's installation, which will affect the proper operation of the pipes, mains, or stations of the city, shall be made without written consent of the city. The customer shall be liable for any change resulting from a violation of this rule.
- (g) Protection of company's property. The customer shall exercise reasonable diligence to protect the city's property on the customer's premises and shall knowingly permit no one, but the city's agent or persons authorized by law, to have access to the city's pipes and appurtenances. In the event of any loss or damage to property of the city caused by or arising out of carelessness, neglect, or misuse by the customer, the cost of making good such loss or repairing such damage be paid by the customer.
- (h) Access to premises. The duly authorized agents of the city shall have access at all reasonable hours to the premises of the customer for the purpose of installing, maintaining, inspecting, or removing the city's property for the performance under or termination of the city's agreement with the customer and under such performance shall not be liable for trespass. The city shall not be unreasonably denied access to premises including access to hydrants, meters and backflow assemblies at all reasonable times. The city shall establish and adopt by separate ordinance, a citywide fee schedule and incorporate fees for violation of premise accessibility.

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- (i) **Billing periods.** Bills for water, wastewater, reclaimed water, backflow or any miscellaneous utilities services will be rendered monthly as implemented by the rate schedule set forth by the city and shall become due when rendered.
- (j) **Delinquent bills.** Bills become delinquent if payment is not received within 21 days after the bill has been mailed or presented to the customer for payment. If payment is not received by the 21st day, a late fee will be applied on the 22nd day after the bill has been mailed or presented to the customer for payment. After written delinquency notice is mailed or presented to the customer notifying the customer of the past due charges, water, wastewater and/or reclaimed water service is eligible for disconnection 14 calendar days from the date of said notice. Once the customer account becomes eligible for disconnection, a delinquency processing fee will be applied to the account. Once service is disconnected or field staff is dispatched to the property to disconnect service for non-payment, broken payment arrangements, returned payments or meter tampering, a delinquency disconnection fee will be applied to the account and the water, wastewater and/or reclaimed water service shall be restored only after the city has received full payment for all past due bills, and disconnect charges. For accounts on vacation status or seasonally shut-off that have any past due amounts, water, wastewater and/or reclaimed water service shall be restored only after the city has received full payment for past due bills, disconnect charges or approved payment arrangement is signed. The utilities department may enter into payment arrangements at any time with any property owner or other party as approved and designated by the homeowner, provided any lien(s) on the account are paid in full along with half of the remaining balance at the time the payment arrangement is signed. The final payment for the past due amount may be no longer than twelve months from the date the payment arrangement is signed. Such payment arrangements shall remain in full force and effect so long as the remaining balance due is paid on time monthly and current bills are paid on time as well. If the customer becomes late on the payment arrangement, the account will be disconnected for nonpayment without further notice and the payment arrangement will become void. There shall be no liability of any kind against the city for the discontinuance of water, wastewater, and/or reclaimed water service to a customer for that customer's failure to pay the full amount of the bills due to the city for such respective water, wastewater, reclaimed water, backflow or any miscellaneous utilities services on time.
 - (1) **Delinquent amounts to be a lien.**
 - (A) All amounts due and unpaid for water, wastewater, reclaimed water, backflow or any miscellaneous utilities services shall be a lien against the property served by the city, utilities department.
 - (B) Such lien may be perfected, at the discretion of the city, by recordation of a notice of lien by the city in the public records of Sarasota County, Florida, if the delinquent amount has not been paid in full within 120 days after the bill was due.
 - (C) The lien shall be of equal dignity with the lien of state, county and municipal taxes.
 - (D) The city may foreclose the lien in the same manner as provided by the laws of Florida for the foreclosure of mortgages upon real estate.
 - (E) If the city elects not to record a lien and pursue foreclosure, such election shall not preclude the city from pursuing other enforcement mechanisms, including, but not limited to, filing suit to collect the delinquent amount and discontinuing service to the customer's property.
 - (F) All costs to administer the lien process shall be paid by the customer at the time of satisfaction of said lien.
 - (2) Upon the occurrence of an uncured delinquency, the city shall, not less than 14 calendar days in advance of disconnection, present a written delinquency notice to the customer, via electronic transmittal to the customer-authorized email or mail to the customer's last known

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address on file with the city utilities department, informing the customer of the delinquency, the administrative late fee, the potential future lien on the customer's property, the customer's exposure to collection procedures and resulting attorneys' fees and costs of collection, and further advising the customer that service by the city to customer's property will be discontinued on or after a certain date stated in the delinquency notice unless the delinquency is cured within that time, and that service will not be restored until the delinquency, including but not limited to past due amounts, late fees and disconnect fees, is cured. In the case of an uncured delinquency, service will not be discontinued in less than 35 days from the original bill date.

- (3) All unpaid amounts due to the city for water, wastewater, reclaimed water, backflow or any miscellaneous utilities services to a property shall become immediately due and payable in full upon any transfer of ownership of the property.
 - (4) Each customer account agreement shall include a provision setting forth the lien and collection procedures, as set forth in section 78-24(j)(1) above.
 - (5) Each customer account agreement shall include a provision stating that amounts owed and unpaid more than 21 days after the presentation of the customer's bill via electronic transmittal to the customer authorized email address, or mailed to the last known customer address on record with the city utilities department, shall be considered delinquent without further notice and shall thereafter be subject to an administrative late fee which shall be set forth in the citywide schedule of fees adopted by separate ordinance from time to time, and shall be subject to a delinquency processing fee if service is disconnected.
 - (6) The utilities department shall adopt procedures for mailing and/or electronic sending of customer bills that allow positive determination of the date that any such bill was mailed or sent to a customer and placement of the date of mailing on each bill.
- (k) Payment of water, wastewater, reclaimed water, backflow or any miscellaneous utilities service bills concurrently. When water, wastewater, reclaimed water, backflow or any miscellaneous utilities service are provided by the city, payment of any portion of the bill rendered by the city to a customer shall not be accepted by the city without the simultaneous or concurrent payment of all services rendered by the city, except by the city's agreement. The city may discontinue water, wastewater and reclaimed water service to the customer's premises for nonpayment of any portion of the bill or if payment for water and wastewater is not made concurrently. The city shall not reestablish or reconnect wastewater service, and/or water service, and/or reclaimed water service until such time as all service bills and all charges for the property are paid.
- (1) Commencement of billing for new construction. Since capacity is required to be reserved for new construction and the costs of carrying additional capacity apply from the time capacity is reserved, at the time of the application for service for new construction, billing for monthly water and wastewater service shall commence at time of water meter installation.
- (l) Tax clause. Any tax which may be levied upon the city's wastewater or water system shall not be incorporated into the rate for wastewater or water service, but shall be shown as a separate item on the city's bill to its customers receiving such service.
- (m) Change of ownership (Residential). When a change of ownership occurs for any premises supplied by the city with water, wastewater and/or reclaimed water service and written signed notice, such as a sale/purchase agreement or proof of mortgage, has been received, the application of the succeeding owner for water and wastewater service will automatically terminate the prior account. The buyer of the property may present to the city, those required documents for establishment of an account prior to closing. The buyer will then be given 10 days from the closing date in which to provide the city with signed transfer of ownership documents or the service will be disconnected without notice and shall remain disconnected until such documents are received.

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(Commercial). The customer's deposit on one commercial account may be transferred from one service location to another if both locations are supplied utilities service by the city, providing written notice is received by the city. Notwithstanding the above, the city may accept telephone orders, for the convenience of its customers, to discontinue service. To transfer water and wastewater service from one service location to another, the customer must fill out new paperwork and show a fully executed lease agreement before an account is established at new the location.

- (n) Unauthorized connections. Connections to the city's water, wastewater or reclaimed water system for any purpose whatsoever may be made only by employees of the city. Any unauthorized connections to the customer's water, wastewater or reclaimed water service shall be subject to immediate discontinuance by the city without notice. Water, wastewater and reclaimed water service shall not be restored until such unauthorized connection has been removed and until payment in full is made to the city for all water, wastewater and reclaimed water service estimated by the city to have been used by reason of such unauthorized connection as well as the unauthorized connection fee. The city shall establish and adopt by separate ordinance, a citywide fee schedule setting forth fees for unauthorized connections.
- (o) Adjustment of bills.
 - (1) When a customer has been overcharged or undercharged as a result of incorrect application of the rate schedule, incorrect reading of a water meter, or other similar reasons, the amount may be credited or billed to the customer in accordance with the policies of the city.
 - (2) Late payment fees and/or delinquency processing fees may be waived once per 12-month period as requested by a customer. Additional requests for late payment fee or delinquency processing fees will be reviewed on a case by case basis and approved/denied by the utilities or cashiering department management.
 - (3) Utilities staff shall develop and maintain policies for consistent treatment of customer accounts in regards to adjustments.
 - (4) City manager or designee shall have the authority to make adjustments to customer bills to accommodate special or extenuating customer circumstances, as determined at the discretion of the city manager.
- (p) Water Conservation Measures. The City shall enforce all applicable water conservation requirements.
- (q) Liability. (Residential) The property owner shall, as to the city, have sole liability for all amounts due and owing to the city as a result of services provided by the city utilities department. (Commercial) As a courtesy, commercial properties are allowed to be put in the name of a tenant however, should an account remain unpaid for more than 120 days, the account will immediately be put back in the name of the property owner.
- (r) Liability for costs of collection. The customer shall be liable to the city for all costs of collection, including but not limited to, reasonable attorneys' fees, court costs, recording fees, and postjudgment collection efforts, related to delinquent amounts owed by the customer to the city under the customer account agreement. Each customer account agreement shall include a provision setting forth this obligation.
- (s) Billing. Bills shall be presented to the customer via electronic transmittal to customer authorized email address or mailed upon request to the last known customer address on record with the city utilities department.
- (t) Transmittal of bills. The city shall adopt procedures for the transmittal of customer bills and notices that will allow determination of the date that any such bill or notice was transmitted to the customer by authorized electronic mail or regular mail, in accordance with the customer's requested delivery method. The date the bill was prepared shall be printed on the bill, and transmittal shall be

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presumed to have occurred within one business day of the printed date. If transmitted by regular mail, receipt by the customer shall be presumed to have occurred three business days after transmittal; if transmitted by e-mail at the customer's written request, receipt by the customer shall be presumed to have occurred one business day after transmittal. Nonreceipt of bills by the customer shall not release or diminish the obligation of the customer with respect to payment for the services received provided, however, if such nonreceipt is attributable to an error by the city, no late fee shall be assessed against the customer if payment is timely received by the city after the error has been corrected and the bill received by the customer.

- (u) Discontinuance of service. Once connection to the system is made by a meter being set, base facility charges begin to be billed on a monthly basis. If after connection, a customer on a property without improvements (no structure), requests in writing, discontinuance of service in order to stop the base facility charges, the customer will forfeit the right to the capacity previously reserved for that location, and new capacity fees and meter installation charges at the then current rate will apply when reconnection to the system is requested. No reimbursement will be made for any prior base facility charges or capacity fees paid. A meter removal fee will be charged on the account and all fees on the account, including but not limited to the meter removal fee and base facility charges through the date of removal, must be paid prior to removal of the meter. The city shall establish and adopt by separate ordinance, a citywide fee schedule incorporating a meter removal fee to cover the costs of removing the meter at the location upon request of the customer for discontinuance of service.
- (v) Extenuating circumstances. A request for waiver of any provision under this section may be submitted in writing to the utilities director for determination based on extenuating circumstances. The utilities director has complete discretion in their determination.
- (w) Excessive and/or unexplained water use. The city's responsibility for water used ends at the meter, and the customer's responsibility begins at the customer's connection immediately after the meter. The city shall not be responsible for excessive and/or unexplained water use on the customer's side of the meter.

SECTION 3. WATER METER INSTALLATION CHARGES.

3.01 – Section 78-25. Water Meter Installation Charges is hereby amended to read as follows:

Each applicant shall be charged for the meter, meter service box, all appertunances and for installation of the water meter, reclaimed water meter and any irrigation meter. The city shall establish and adopt by separate ordinance, a citywide fee schedule and incorporate fees for water meter installation charges. Service charges for connections requiring installation of a meter not specifically addressed in the citywide fee schedule will be based on the actual cost of materials, labor, and overhead. In the event that the actual installation costs exceed the established installation cost, the cost of such installation, including the installation of the water meter will be based on the actual cost of installation, regardless of meter size. In no event will such cost be less than the meter installation charges outlined in the citywide fee schedule.

SECTION 4. CUSTOMER DEPOSITS.

4.01 - Section 78-27. Customer Deposits is hereby amended to read as follows:

APPENDIX B: EXISTING CAPACITY FEE ORDINANCE

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- (a) Establishment of credit-construction meter and commercial accounts. Before rendering water service for a construction meter or water and/or wastewater for commercial accounts, the city shall require an applicant for service to satisfactorily establish credit, but such establishment of credit shall not relieve the customer from complying with the city's rules for prompt payment. Credit will be deemed so established if:
- (1) The applicant for service furnishes a satisfactory guarantor to secure payment of bills for service requested.
 - (2) The applicant pays a security deposit.
 - (3) The applicant for service furnishes a surety bond or an irrevocable letter of credit from a bank.
- (b) Amount of deposit. The amount of initial deposit shall be according to meter size. The city shall establish and adopt by separate resolution, a utilities rate schedule which will incorporate the amount of deposit.
- (c) Deposits for certain residential or commercial accounts with inadequate good payment history. Inadequate good payment history shall be defined as follows:
- (1) A customer whose delinquency status has resulted in their service being shut off for nonpayment twice;
 - (2) A customer who has declared bankruptcy; or
 - (3) A customer who has not recompensed the city for payment for a returned item within the requested timeframe.
- In the case of an account with inadequate good payment history, the city shall require a deposit to secure payment of current bills. The city shall provide the customer with reasonable written notice of not less than 30 days where such request or notice is separate from any bill for service. The total amount of the required water and/or wastewater account deposit shall be according to meter size. The city shall establish and adopt by separate resolution, a utilities rate schedule which will incorporate the amount of deposit(s).
- (d) Refund of account deposit and/or commercial customer deposits. Upon notification of cancellation of service or after a customer has received and timely paid for continuous utilities service for a period of 24 months from the date the deposit was made and meets the following requirements, or upon notification of cancellation of service, the customer's deposit(s) will be refunded as a credit to their utilities account if the:
- (1) Customer has not been disconnected for nonpayment;
 - (2) Customer has not had a payment returned for any reason in the prior six months;
 - (3) Customer has not tampered with the meter; and
 - (4) Customer had not used service in a fraudulent or unauthorized manner.
- (e) Refund of construction meter deposits. Once a construction meter is returned to the city, the customer's deposit(s) will be refunded as a credit to their final bill.

SECTION 5. ACTIVATION OF SERVICE; REINSTATEMENT OF EXISTING SERVICE;
DELINQUENCY PROCESSING FEE; DELINQUENCY DISCONNECTION FEE; CONSTRUCTION METER
VERIFICATION PENALTY AND PREMISES VISIT FEE.

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5.01 – Section 78-28. Activation of service; reinstatement of existing service; delinquency processing fee; delinquency disconnection fee; construction meter verification penalty and premises visit fee are hereby amended to read as follows:

There shall be a charge for activation of service, reinstatement of existing service, during normal hours and after hours, delinquency processing fee, delinquency disconnection fee, during normal hours and after hours, construction meter verification penalty and premises visit fee.

- (1) The activation of service charge shall apply for initiation/establishment of service to a customer account at a new or previously served location.
- (2) The reinstatement of existing service charge shall apply for the reinstatement of existing service subsequent to a customer requested disconnection.
- (3) The delinquency processing fee shall apply once an account is eligible for disconnection.
- (4) The delinquency disconnection fee shall apply once service is disconnected or field staff is dispatched to the property to disconnect service for non-payment, broken payment arrangements, returned payments or meter tampering.
- (5) Construction meter readings are to be called into the Utilities Billing office every month by the 15th of the month by the customer. The construction meter penalty shall apply if a construction meter reading is not received from the customer for two consecutive months. This penalty will be in addition to the monthly base facility charge on the account as well as any usage charge. If a construction meter reading is not received from the customer for three consecutive months, the city will have the option of declaring the construction meter lost/missing and all charges will become immediately due, offset by the deposit, with the city able to pursue all legal remedies available to affect return of the property.
- (6) The premise visit fee shall apply when a field premise visit is required for issues such as checking a house valve.
- (7) The city shall establish and adopt by separate ordinance, a citywide fee schedule and incorporate fees for activation of service, reinstatement of existing service during normal hours and after hours, delinquency processing fee, delinquency disconnection fee, during normal hours and after hours, construction meter verification penalty and a premise visit fee.

SECTION 6. PRIVATE FIRE PROTECTION SERVICE.

6.01 - Section 78-29. Private Fire Protection Service is hereby amended to read as follows:

The rate for the annual private fire protection service shall be charged in accordance with section 25-30.465, Florida Administrative Code, as it may be amended from time to time, to customers who have fire lines or standpipes located within the premises of the building or privately owned hydrants maintained by the city. The city shall establish and adopt by separate resolution, a utilities rate schedule which will incorporate rates for the private fire protection service which shall be billed on an annual basis in advance at the beginning of each fiscal year and which shall be due and payable within 21 days of the billing date and if not paid on time, the provisions of subsection 78-24(j) of the City Code of Ordinances shall apply.

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SECTION 7. WATER AND WASTEWATER CAPACITY FEES.

7.01 - Section 78-30. Water and wastewater capacity fees is hereby amended

to read as follows:

- (a) **Adoption.** The city hereby adopts and establishes pursuant to general law, a water capacity fee and a wastewater capacity fee, the purpose of which will be to finance capital expenditures and the payment of city indebtedness associated with the expansion of the city's water treatment and transmission system and the wastewater collection, treatment, and effluent disposal system. The water capacity fee imposed by the city shall be \$1,890.00 per ERC, and the wastewater capacity fee shall be \$2,575.00 per ERC.
- (b) **Applicability.** The capacity fees set forth herein shall be paid by those new customers and/or owners who:
 - (1) Connect to the city's system(s);
 - (2) Request service from the city;
 - (3) Request an increase in water and/or wastewater service capacity on or after the date the city acquired the systems from GDU; or
 - (4) Have a change in plumbing fixture counts or change in capacity required.

The city may exempt any customer and/or owner from, or enter into an agreement to refund to a customer or owner, the payment of all or a portion of the water and/or wastewater capacity fees pursuant to a utilities agreement that identifies the extent of their contribution in aid of construction related to the water treatment or over-sized transmission facilities or the over-sized wastewater transmission, collection, treatment, or over-sized effluent disposal facilities having a value of not less than the portion of the water and/or wastewater capacity fees being exempted. Distribution facilities, collection facilities, lift stations, generator(s) and any off-site or on-site facilities, which must be provided by the developer and are not included in the rate study that recommends the amount to be charged for capacity fees shall not be considered for capacity fee exemption or credit.

- (c) **Time of payment.** All water and wastewater capacity fees shall be paid prior to connection of a structure or structures to be served by the city, or such other time as may be specifically provided by city resolution, ordinance, agreement, or permit; provided, however, that the city may permit installment payments for reservation of any water or wastewater capacity fees upon such terms, charges and conditions as the city deems appropriate.
- (d) **Determination of equivalent residential connection factors "ERC" for water and wastewater services.**
 - (1) For purposes of calculating and imposing the water and wastewater capacity fees provided for in this subsection (d), the ERC factor for any particular connection shall be calculated and imposed in the manner provided as follows:

Establishment—Residential	Unit	ERC Factor
Single-family home	Per unit	1.000

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Duplex (one-bedroom or efficiency)	Per unit	0.833
Duplex (two or more bedrooms)	Per unit	1.000
Multifamily (one-bedroom or efficiency)	Per unit	0.833
Multifamily (two or more bedrooms)	Per unit	1.000
Mobile home (one-bedroom or efficiency)	Per unit	0.667
Mobile home (two or more bedrooms)	Per unit	0.833
Assisted living facility, except common service areas which will follow subsection 78-30(d)(5)	Per single bedroom unit without a kitchen sink and/or dishwasher	0.300
Hotel/motel, except common service areas which will follow subsection 78-30(d)(5)	Per single bedroom unit without a kitchen sink and/or dishwasher	0.300

- (2) One equivalent residential connection (ERC) shall, for purposes of this section, have an assigned value of 1.00. For wastewater service capacity, one ERC is hereby established and determined to be equal to a flow of 225 gallons per day, average annual basis (225 GPD).
- (3) For water service capacity, one ERC is hereby established and determined to be equal to a flow of 250 gallons per day, average annual basis (250 GPD).
- (4) The "total equivalent residential connection value" for an establishment shall be calculated by multiplying the ERC factor listed above by the number of units, and shall be rounded up to the nearest 0.5 ERC factor.
- (5) For all establishments not listed above:
 - a. The total water equivalent residential connection (ERC) value for water service capacity shall be determined by multiplying the number of fixture units, as published in the Standard Plumbing Code, as amended, by 30, and then dividing that numerator by 250. For example:

Total Water ERC Value	=	$\frac{\text{Number of Fixture Units} \times 30}{250 \text{ GPD/ERC}}$
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- b. The total water equivalent residential connection (ERC) value for wastewater service capacity shall be determined by multiplying the number of fixture units, as published in

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the Standard Plumbing Code, as amended, by 30, and then dividing that numerator by 225. For example:

Total Wastewater ERC Value	=	Number of Fixture Units × 30 225 GPD/ERC
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c. The water capacity fees shall be determined by using the following formula:

Total ERC Value × \$1,890.00	=	Water Capacity Fee
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d. The wastewater capacity fees shall be determined by using the following formula:

Total ERC Value × \$2,575.00	=	Wastewater Capacity Fee
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- (6) In the event that an owner/developer does not have final plans for a "shell" or "warehouse" building, the city shall determine the ERC value for water and wastewater service capacity by using an average ERC per square foot and multiplying that number by the number of square feet in the building. In the event it is determined that the requested capacity is not sufficient for the building as it will actually be occupied, the owner/developer may be required to replace the internal system and connection to the city's system(s) to supply the proper flow for the building and shall be required to pay any additional capacity fees necessary to provide the required capacity to the building.
- (7) The above ERC schedule applies to establishments being connected to the city's water and wastewater system(s).
- (8) **Alternative Capacity Fee Calculation.** The Utilities Department will work with owner/developers in reviewing the building's plumbing plans for opportunities to reduce fixture counts to minimize the impact to the system.
 - a. In the event that an applicant believes that the nature, timing or location of a proposed development would likely have less of an impact than the calculated impact, the applicant has the right to submit an alternative capacity fee calculation. The Utilities Director shall review the calculation and make a determination within thirty calendar days of submittal as to whether such calculation complies with the requirements of this section.
 - b. At the time of request for review, the applicant shall submit an administrative review fee in the amount of \$250.00 for the review of the water and/or wastewater capacity fee. The thirty calendar day review shall not begin until payment is received by the Utilities Department.
 - c. For purposes of the alternative capacity fee calculation, such alternative calculations shall be based on the presumption that proposed construction shall have the maximum impact on the applicable capital facilities.

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d. The alternative capacity fee calculations shall be prepared and certified as accurate by persons accepted by the City as qualified in the utilities industry under generally accepted methods.

e. If the Utilities Director determines that the requested calculation complies with the requirements in this section, the alternative capacity fee calculation shall be paid in lieu of the calculation for water and wastewater capacity fees. Prior to approving any alternative capacity fee calculation the Utilities Director shall submit to the City Manager, their intent and justification for approving the alternative capacity fee.

f. If the Utilities Director determines that the requested calculation does not comply with the requirements in this section, the applicant may, not later than 30 days of receipt of decision, submit an appeal to the City Manager in writing. The City Manager has thirty days to review the requested appeal and uphold or overturn the Utilities Director's decision.

g. If the City Manager upholds the Utilities Director's decision, the applicant may, not later than 30 days of receipt of decision, submit an appeal to the City Commission in writing. The City Manager shall place the issue on an agenda and the applicant will have an opportunity to present their appeal to the City Commission. The final decision of the City Commission will be issued within 30 days after the presentation of the appeal by the applicant and will be considered as being final with respect to the alternative capacity fee calculation process.

h. If an alternative capacity fee calculation is approved and actual consumption for 24 months after initiation of service reflects a greater demand on the facilities than what was represented in the alternative capacity fee calculation, upon review of the demand data the city shall bill and the applicant shall have 30 days to pay, the difference between the calculation for water and wastewater capacity fees and the alternative capacity fee calculation and if not paid on time, the outstanding charges shall be placed on the owner/developer utilities account and thereafter, provisions of subsection 78-24(j) of the City Code of Ordinances shall apply.

(9) Effective Date. In accordance with Florida Statute and to allow for customers currently contemplating connecting to the city's water and/or wastewater system(s) to connect at the lower rate, the effective date of the increase in capacity fees shall be effective on January 1, 2017.

(e) Capital improvement funds.

(1) The water capacity fees collected pursuant to this article shall be deposited into a fund designated as the "North Port Water System Capital Improvement Fund" and the wastewater capacity fees shall likewise be deposited into a fund designated as the "North Port Wastewater System Capital Improvement Fund". The water capacity fees so deposited in the above mentioned fund shall be used only for the construction, acquisition, additions, or extensions to the city's water system and all components thereof including, but not limited to, water supply facilities, transmission facilities, mains, ground storage facilities, new pumping facilities, water treatment plants, and distribution facilities in order to provide additional water treatment capacity or water service capacity to those new customers who connect to the city's water system. The wastewater capacity fees so deposited in the above-mentioned fund shall be used only for the construction, acquisition, additions, or extensions to the city's wastewater system and all components thereof including, but not limited to, collection facilities, transmission facilities, treatment facilities, and effluent disposal facilities, in order to provide additional wastewater treatment capacity, effluent disposal capacity, or wastewater service capacity to those new customers who connect to the city's wastewater system.

(2) The city may by resolution provide for the application of some or all of the water and/or wastewater capacity fees to the payment or security for the payment of revenue bonds issued in whole or in part for the purpose set out in subsection (e)(1) hereof, provided that the amount of water and/or wastewater capacity fees applied to the payment of such bonds shall

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not exceed the amount of bond proceeds actually expended for such purpose with interest at the average rate borne by said bonds. Such application or pledge may be made directly in the proceedings authorizing such bonds or in an agreement with an insurer of bonds to assure such insurer of additional security therefore.

- (f) Reservation of water, wastewater and reclaimed water capacity. Water, wastewater and/or reclaimed water may be reserved for a development pursuant to a utilities developer's agreement approved by the city commission. Such agreement shall be required prior to the construction of water, wastewater or reclaimed water infrastructure by a developer. In addition, no FDEP or health department permits for construction of water, wastewater and/or reclaimed water infrastructure will be approved without an approved utilities developer's agreement and payment of all applicable fees. The city may consider failure to reserve water, wastewater or reclaimed water capacity in determining whether to grant or deny any development, FDEP or construction permit or approval or rezoning application filed. The city shall establish and adopt by separate ordinance, a citywide fee schedule, incorporating fees to be paid by the developer to the city for negotiation and development of utilities developer's agreements based on the number of ERCs being requested.

(g) [Refunds.] It is recognized that the Florida Legislature encourages public-owned water and wastewater systems to reduce connection fees for customers who utilize water or sewer-saving devices, including gray water disposal systems and that this concept is supported as being environmentally responsible. If a customer obtains certification from the City of North Port Neighborhood Development Services Department that their building has been certified as LEED Certified, Silver, Gold or Platinum, Florida Water Star certification or containing a gray water system, a four percent capacity fee refund will be issued by the city after certificate of occupancy is received.

SECTION 8. RETURNED PAYMENT CHARGES.

8.01 - Section 78-32. Returned payment charges is hereby amended to read

as follows:

There shall be a charge for each payment returned to the city as a result of insufficient or non-collectable funds. The city shall establish and adopt by a separate ordinance, a citywide fee schedule incorporating fees for returned payments.

SECTION 9. REIMBURSEMENT FOR EXTRA EXPENSES.

9.01 - Section 78-37. Reimbursement for extra expenses is hereby amended

to read as follows:

The city shall charge customers, property owners, contractors and developers for specific utilities services. Such charges shall include the following: fire flow test fee, per test; force main pressure test fee, per test; utilities construction plan review fee, per review; utilities inspection fee; construction/reinspection fee; overtime inspection fee; certificate of occupancy fee; service availability fee, per property request; vac con truck, TV truck, lien search/delinquency search fees and actual costs for other miscellaneous utilities service performed by city staff and outside professional services. The city shall adopt by separate ordinance, a citywide fee schedule incorporating the fees listed above. ~~In~~ some instances, reimbursement to the city for extra expenses may be determined on an individual basis

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dependent upon the complexity of the service performed. In such cases, FEMA Schedule of Equipment Rates and actual recovery costs of city staff and outside professional service(s) shall be used.

SECTION 10. NOTICES.

10.01 - Section 78-43. Notices is hereby amended to read as follows:

All notices required by this article to be given by the city to water customers and property owners shall be in writing, and shall be deemed to have been properly delivered if transmitted electronically to the customer-authorized email address or addressed to the customer at the mailing address appearing in the city's customer account records, and to the property owner (if different from the customer) at the address for the property owner appearing in the city's customer account records or to the address for the property owner shown in the records of the Sarasota County Property Appraiser and if deposited postage prepaid with the United States Postal Service. Absent clear and convincing evidence to the contrary, receipt of any notice delivered as set forth above shall be presumed to have occurred one business day after electronic transmittal via customer-authorized email or three business days after deposit with the United States Postal Service.

SECTION 11. SEVERABILITY.

11.01 - If any provision of this Ordinance is for any reason finally held invalid or unconstitutional by any court of competent jurisdiction, such provision shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining provisions.

SECTION 12. CONFLICTS.

12.01 - In the event of any conflict between the provisions of this Ordinance and any other City Ordinance or portions thereof, the provisions of this Ordinance shall prevail to the extent of such conflict.

SECTION 13. EFFECTIVE DATE.

13.01 - This Ordinance and the provisions thereof, with the exception of Section 7, Water and Wastewater Capacity Fees which shall have an effective date established as of January 1, 2017 per Section 7.01 (9), shall take effect January 1, 2016 upon adoption by Commission.

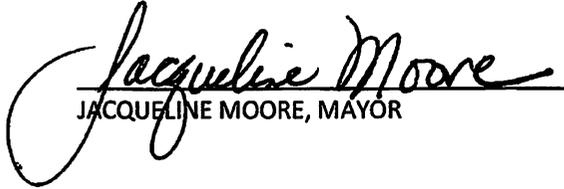
APPENDIX B: EXISTING CAPACITY FEE ORDINANCE

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Read in public session this 23 day of November, 2015.

PASSED AND ADOPTED on the second and final reading in public session this 14 day of December, 2015

CITY OF NORTH PORT, FLORIDA


JACQUELINE MOORE, MAYOR

ATTEST


HELEN M. RAIMBEAU, MMC
CITY CLERK

APPROVED AS TO FORM AND CORRECTNESS:


MARK MORIARTY
CITY ATTORNEY