

City of North Port

ORDINANCE NO. 2023-27

AN ORDINANCE OF THE CITY OF NORTH PORT, FLORIDA, AMENDING THE CITY OF NORTH PORT COMPREHENSIVE PLAN CHAPTER 4, UTILITIES ELEMENT, POLICY 1.1.5; ADOPTING THE CITY OF NORTH PORT 10-YEAR WATER SUPPLY FACILITIES WORK PLAN; PROVIDING FOR FINDINGS; PROVIDING FOR ADOPTION; PROVIDING FOR TRANSMITTAL OF DOCUMENTS; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of North Port is committed to planning and managing the future growth and

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2 development of the City; and 3 4 WHEREAS, pursuant to Article VIII, Section 2(b) of the Constitution of the State of Florida, the North Port 5 City Charter, and the Community Planning Act ("Act"), Florida Statutes Chapter 163, Part II, the City is 6 authorized and required to adopt a Comprehensive Plan; and 7 8 WHEREAS, on March 15, 1989, the City Commission adopted Ordinance No. 89-3, establishing the North 9 Port Comprehensive Plan ("Comprehensive Plan"), as revised and updated in its entirety; and 10 11 WHEREAS, on June 27, 2017, the City Commission adopted Ordinance No. 2016-34, approving the 12 Evaluation and Appraisal Report-based Comprehensive Plan Amendment, including adoption of a Potable 13 Water Supply, Wastewater and Reuse Element; and 14 15 WHEREAS, Section 163.3177(6)(c), Florida Statutes, requires local governments to adopt and update a 10-16 Year Water Supply Facilities Plan into their Comprehensive Plan within 18 months after the Southwest 17 Florida Water Management District adopts the Regional Water Supply Plan; and 18 19 WHEREAS, the North Port Comprehensive Plan, Chapter 4, Utilities Element, Potable Water Goals, 20 Objectives, and Policies, Policy 1.1.5., includes the City of North Port 10-Year Water Supply Facilities Work 21 Plan, and provides for updates as required by Florida Statutes Section 163.3177(6)(c)3.; and 22 23 WHEREAS, the Southwest Florida Water Management District approved the Regional Water Supply Plan 24 in November 2020; and 25 26 WHEREAS, on May 17, 2022, the City of North Port Utilities Department, in coordination with Black & 27 Veatch, completed the Water Supply Facilities 10-Year Work Plan Update; and 28 Page 1 of 4

29 WHEREAS, on September 7, 2023, the Planning and Zoning Advisory Board, acting as the Local Planning 30 Agency for the City of North Port, held a duly advertised public hearing and recommended approval of the 31 proposed Amendment to the City Commission; and 32 33 WHEREAS, the City Commission of the City of North Port held duly noticed public hearing at first and 34 second reading of this ordinance to review the recommendations of the Planning and Zoning Advisory 35 Board and to receive public comment on the subject matter of this ordinance; and 36 37 WHEREAS, the City Commission of the City of North Port approved the transmittal of this Amendment, 38 together with supporting documentation, which was transmitted to the State Land Planning Agency of 39 the Florida Department of Economic Opportunity and the various agencies and governments as 40 appropriate for review and comment; and 41 42 WHEREAS, pursuant to Florida Statutes Section 163.3184(3)(b)4.h, the State Land Planning Agency of the 43 Florida Department of Economic Opportunity reviewed the proposed amendments for impacts to important 44 state resources and facilities not within the jurisdiction of other state agencies; and 45 46 WHEREAS, the Water Supply Facilities 10-Year Work Plan Update, as amended, is housed in the 47 department responsible for utility services; and 48 49 WHEREAS, the City Commission determined that the proposed Amendments serve the public health, 50 safety, and welfare of the citizens of the City of North Port, Florida. 51 NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF NORTH PORT, FLORIDA: 52 53 54 **SECTION 1 – FINDINGS** 55 56 The above recitals are true and correct and are incorporated in this ordinance by reference. 1.01 57 58 1.02 Pursuant to Florida Statutes Section 163.3184(3), the City followed the expedited state review 59 process for text changes to a local government's comprehensive plan goals, objectives, and 60 policies, as follows: 61 62

1. Within ten (10) working days after the initial public hearing, the City transmitted the amendment and appropriate supporting data and analyses to the reviewing agencies and other local governments that filed a written request;

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- Not later than thirty (30) days after the date the reviewing agencies and local governments first received the amendment, the City received the reviewing agencies' and local governments' comments, if any;
- 3. The adoption hearing was held within 180 days after receipt of the agency comments; and
- Within ten (10) working days after the second public hearing, the City transmitted the adopted comprehensive plan amendment and supporting data and analyses to the state land planning agency and any affected person that provided comments; and

Page 2 of 4

- 76 5. The City did not receive notice of any deficiencies within five (5) working days after the 77 agency's receipt of the amendment.
- 79 **SECTION 2 – ADOPTION**
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- 81 2.01 The City Commission hereby amends the City of North Port Comprehensive Plan Utilities Element, 82 to adopt and incorporate by reference the City of North Port Water Supply Facilities 10-Year Work 83 Plan Update, dated May 17, 2022, as attached in "Exhibit A".
- 85 2.02 All identified exhibits are incorporated in this ordinance by reference.

87 **SECTION 3 – TRANSMITTAL OF DOCUMENTS**

- 89 3.01 Pursuant to Florida Statutes Section 163.3184, the City Clerk is directed to transmit, within ten 90 (10) days after first reading, this ordinance and the appropriate supporting data and analyses 91 provided by the City Manager or designee to:
- 93 a. Florida Department of Economic Opportunity;
- 94 b. Southwest Florida Regional Planning Council;
- 95 c. Southwest Florida Water Management District;
- d. Florida Department of Environmental Protection; 96
- 97 e. Florida Department of State;
- 98 f. Florida Department of Transportation;
- g. Sarasota County, Florida; and 99
- 100 h. Any other local government or governmental agency who has filed a request with the City.
- 102 3.02 Pursuant to Florida Statutes Section 163.3184, the City Clerk is directed to transmit, within ten 103 (10) days of final adoption of this ordinance, all documents to the Florida Department of Economic 104 Opportunity and any other agency or local government that provided timely comments.

106 **SECTION 4 – CONFLICTS**

- 108 4.01 In the event of any conflict between the provisions of this ordinance and any other ordinance, in 109 whole or in part, the provisions of this ordinance will prevail to the extent of the conflict.
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111 **SECTION 5 – SEVERABILITY**

113 5.01 If a court of competent jurisdiction finds that any section, subsection, sentence, clause, phrase, 114 or provision of this ordinance is for any reason invalid or unconstitutional, that provision will be deemed a separate, distinct, and independent provision and will not affect the validity of the 115 116 remaining portions of the ordinance.

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118 SECTION 6 – EFFECTIVE DATE

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120 6.01 If not timely challenged, this ordinance takes effect thirty-one (31) days after the Florida
 121 Department of Economic Opportunity notifies the City that the Comprehensive Plan Amendment
 122 package is complete, as provided in Florida Statutes Section 163.3184(3)(c).

- 124 6.02 If timely challenged, this ordinance takes effect upon the Florida Department of Economic
 125 Opportunity or Administration Commission entering a final order determining the adopted
 126 Amendment complies with Florida Statutes Section 163.3184(3)(c).
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READ BY TITLE ONLY at first reading by the City Commission of the City of North Port, Florida, in publicsession on September 12, 2023.

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ADOPTED by the City Commission of the City of North Port, Florida, on the second and final reading in

- 132 public session on _____, 2023.
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- 134

CITY OF NORTH PORT, FLORIDA

BARBARA LANGDON MAYOR

ATTEST

HEATHER TAYLOR, MMC CITY CLERK

APPROVED AS TO FORM AND CORRECTNESS

AMBER L. SLAYTON, B.C.S. CITY ATTORNEY Exhibit A to Ordinance No. 2023-27

CITY OF NORTH PORT

WATER SUPPLY FACILITIES 10-YEAR WORK PLAN UPDATE

Prepared for City of North Port



May 2022

Prepared by:



Black & Veatch 4415 Metro Parkway #200 Fort Myers, Florida 33916 (239) 703-8300

Water Supply Facilities 10-Year Work Plan Update

Certifications

ENGINEER:

The information contained in this report is true and correct to the best of my knowledge. The report was prepared in accordance with sound engineering principles.

This item has been electronically signed and sealed by J. M. McGee, PE. On May 17th, 2022 using a *SHA-1* authentication code.

Printed copies of this document are not considered signed and sealed and the SHA-1 authentication code must be verified on electronic copies.

Mike McGee, PE #44055 Black & Veatch 4415 Metro Pkwy #200 Fort Myers, Florida 33916 <u>May, 17th 2022</u> Date

CONTRIBUTORS:

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1.0 Introduction

The City of North Port has updated the Water Supply Facilities 10-Year Work Plan in accordance with the City's Comprehensive Plan. The City's Comprehensive Plan's goals are long-ranged and intended to set the vision of the community guiding the policy decision-making within the community. The City's Comprehensive Plan states that the City shall coordinate with the Southwest Florida Water Management District (SWFWMD) and continue to update its Water Supply Facilities 10-Year Work Plan every 5 years, or within 18 months after an update to the Regional Water Supply Plan is approved by the SWFWMD.

SWFWMD updated the Regional Water Supply Plan in November 2020 which triggers this update to the Water Supply Facilities 10-Year Work Plan. This City of North Port Water Supply Facilities 10-Year Work Plan Update (Black & Veatch, 2022) outlines the City's water demand projections, their potable water facilities and future water supply projects. This report provides the data and analysis used to develop the Work Plan and presents the City's Capital Improvement Program (CIP) which outlines recommended projects in the future that will allow the City to meet future water demands while maintaining its excellent potable water level of service standards.

2.0 Data and Analysis

The City of North Port Utilities Department currently provides potable water utility service to approximately 62,350 residents through approximately 23,781 water connections. The City of North Port has been experiencing rapid growth the last few years. The City's Planning and Zoning Department projects that the City's population could potentially grow to approximately 100,000 people by the year 2032.

As stated in the City's 2017 Comprehensive Plan, the City's growth will be spurred by the proposed large-scale developments such as the Wellen Park and the Panacea areas. Water service is currently provided to the incorporated areas within the City limits as shown in Figure 1. Figure 1 also identifies the City's water service territory including the water treatment plant, booster pump stations, interconnects, and water supply wells.

2.1 Potable and Reuse Water Planning Studies and Efforts

The City of North Port periodically conducts water supply planning, design, and construction of infrastructure to accommodate the continuous demand growth of the City. The City's also pays close attention to any essential repairs of its water supply and reuse infrastructure. Some of the City's most recent planning efforts are described below.

The following is a list of some of the water system planning documents that were considered in this report:

- 2022 Demand Projections from the ongoing 2022 Water Master Plan
- 2022 City of North Port Neighborhood Master Plan
 - Preliminary Cost Estimates and General Sequencing of Master Plan
- 2020 Regional Water Supply Plan (SWFWMD 2020)
- 2020 Peace River Manasota Regional Water Supply Authority Integrated Regional Water Supply Plan (HDR, 2020)
- 2020 Regional Water Supply Plan Southern Planning Region (Wade Trim, 2020)
- 2017 City of North Port Comprehensive Plan
 - o Chapter 4 Potable Water, Groundwater Aquifer Recharge Station
- 2015 City of North Port's Utilities Master Plan (Wade Trim, 2015)
- 2014 Water Demand Analysis (Wade Trim, 2014)
- 2010 US 41 Corridor Utility Master Plan Executive Summary and Study Update (Watermark Engineering, 2010)
- 2008 Water Treatment Plant Enhancement Study (Carollo, 2008)
- 2007 Water Utility Master Plan Update (Hazen & Sawyer, 2008)





2.2 Potable Water Facilities – Treatment, Storage, and Distribution

The City has several water supply sources, one water treatment plant, three booster stations and several ground storage tanks. A summary of those facilities is as follows.

The Myakkahatchee Creek Surface Water Treatment Plant (MCWTP) withdraws raw surface water for treatment at the MCWTP. The primary surface water supply is obtained from Myakkahatchee Creek and Cocoplum Waterway. Both are highly dependent on rainfall and any stormwater runoff. Currently, The Cocoplum Waterway is used as an emergency water supply. In 2013, the City constructed and placed into service a reverse osmosis (RO) treatment plant at the MCWTP. The RO treatment plant is proactively used as an alternative water supply and treatment using brackish wells and improves the reliability of the MCWTP. Figure 2 details the MCWTP wellfield and location.



Figure 2 City of North Port MCWTP

Additionally, the City has a bulk water supply contract with the Peace River Manasota Regional Water Supply Authority (PRMRWSA). The PRMRWSA provides potable water to Charlotte County, DeSoto County, Sarasota County, and the City of North Port. Although the PRMRWSA contract is renewable, the current expiration date is October 5, 2040.

Finally, the Southwest WTP has been constructed and is undergoing commissioning. The Southwest WTP will treat brackish groundwater from the Southwest Wellfield via RO membranes.

As shown on Figure 1, the City's potable water storage and distribution facilities include ground storage tanks and pump stations that serve the potable water transmission mains and distribution system infrastructure that delivers the City's water to its customers.

2.2.1 City Owned Water Supply Summary

City Water Use Permits

The City has four permitted potable water supply sources authorized by the SWFWMD to meet its potable water demands through Year 2030:

- Myakkahatchee Creek (ID No. 10)
- Cocoplum Waterway (ID No. 11)
- The Myakkahatchee Creek RO wellfield (six wells; ID Nos. VW-1 through VW-6)
- The Southwest RO Wellfield (four wells; ID Nos. 92 through 95)

Table 1 describes the City's total permitted withdrawal amounts. The annual average quantity total of all water use permit (WUP) sources is 7.1 million gallons per day (mgd) and the peak month total permitted quantity of all sources is 8.7 mgd. These quantities have been previously allocated to meet the potable water demands of this utility through 2030, including the future allocated 2.7 mgd WUP for the Southwest RO Wellfield.

Myakkahatchee Creek Surface Water Supply

The City of North Port withdraws raw surface water from the Myakkahatchee Creek for treatment at the MCWTP. The City of North Port has a SWFWMD consumptive WUP for the Myakkahatchee Creek (WUP ID No. 20002923.015). This permit allows the City to withdraw a combined annual average quantity of 7.1 mgd and a peak monthly quantity of 8.7 mgd. It also allows the City to withdraw an annual average quantity of 4.4 mgd and a peak monthly quantity of 6 mgd from the MCWTP. WUP ID. No 20002923.015 is effective until September 22, 2030.

Cocoplum Waterway Surface Water Supply

The City of North Port has a SWFWMD consumptive WUP from the Cocoplum Waterway (WUP ID No. 20 002923.013). This WUP allows the City to withdraw from the previously mentioned annual average quantity of 4.4 mgd and a peak monthly quantity of 6 mgd that is allocated to the MCWTP. The Cocoplum Waterway WUP and its permitted water withdrawal quantities is effective through year 2030. The City plans to renew this WUP.

The Myakkahatchee Creek and the Cocoplum Waterway surface water sources experience various seasonal water qualities and flows. On occasion, these seasonal variations can result in challenges for the conventional water treatment processes.

MCWTP RO Wellfield Groundwater Supply

The MCWTP RO Wellfield groundwater supply is composed of six on-site groundwater production wells that produce raw water from the Intermediate Aquifer for the RO treatment system (2013) at the MCWTP. The City of North Port has a SWFWMD consumptive groundwater WUP (WUP ID No. 20002923.013) for the six wells (VW-1, VW-2, VW-3, VW-4, VW-5, and VW-6) as shown on Figure 2. This WUP allows the City to withdraw an annual average daily and total peak monthly quantity from this

groundwater supply that is limited to 2.0 mgd. The MCWTP RO Wellfield WUP and its permitted water withdrawal quantities is effective through year 2030. The City plans to renew this WUP.

MCWTP Combined Surface/Groundwater WUP Withdrawal Limits

Combined surface water and groundwater withdrawals at the MCWTP are limited to 4,400,000 gallons per day (gpd) on an annual average basis, and 6,000,000 gpd on a peak month basis.

Southwest RO Wellfield Groundwater Supply

The City of North Port also has an existing SWFWMD consumptive groundwater WUP ID No. 20 002923.013 (Modification 20002923.014 on May 22, 2020) for four existing wells. The WUP allows the City to withdraw an annual average daily and total peak monthly quantity that is limited to 2.7 mgd from this groundwater source. These four wells will supply the newly constructed Southwest RO Water Treatment Plant (WTP) which will mainly serve the western portion of the service area. The Southwest RO WUP is effective through year 2030.

According to the 2020 SWFWMD Regional Water Supply Plan, the Southwest Wellfield and Water Treatment Plant is to be fully constructed and in service by Summer 2022. It is assumed that there will be treatment losses of 25 percent associated with the Southwest RO Wellfield. Therefore, the annual average daily and total peak month finished water capacities are both 2.025 mgd. Table 1 presents the raw water source capacities.

Source	Туре	Annual Average (GPD)	Peak Month (GPD)
Myakkahatchee Creek	Surface Water	4,400,000	6,000,000
Cocoplum Waterway	Surface Water	2,400,000	4,000,000
Myakkahatchee Creek RO Wellfield ⁽¹⁾	Groundwater	2,000,000	2,000,000
Permitted Withdrawals at MCWTP ⁽²⁾	Surface / Groundwater	4,400,000	6,000,000
Southwest RO Wellfield	Groundwater	2,700,000	2,700,000
Total Permitted Withdrawals		7,100,000	8,700,000
Notes:	•	•	

Table 1Raw Water Source Capacities (WUPs)

1. This permit allows the City to offset surface water usage up to 2,000,000 gpd of groundwater.

 The combined surface and groundwater withdrawals are limited to 4,400,000 gpd (annual average daily flow [AADF]) and 6,000,000 gpd (PMF) regulated at the finished water meter (ID No. 20).

2.2.2 City Water Treatment Facilities

Myakkahatchee Creek Water Treatment Plant

The MCWTP is located on the Myakkahatchee Creek and was originally constructed in 1964. In 1974, the plant was expanded to include a second treatment train. Several additional plant components and equipment have been added, upgraded, and/or replaced since the original construction date. The MCWTP treats surface water from the Myakkahatchee Creek and the Cocoplum Waterway. To improve the reliability of this plant, an RO treatment plant was constructed and placed in service at the MCWTP in year 2013.

Surface Water Treatment

The MCWTP's conventional surface water treatment process performs physical and chemical treatment of the surface water through coagulation, flocculation, sedimentation, filtration, and primary disinfection. The rated capacity of this surface water portion of the MCWTP is 4.4 mgd.

Groundwater Treatment

The RO treatment system at the MCWTP was constructed and placed into service in 2013. According to the 2020 SWFWMD Integrated Regional Water Supply Plan, this brackish groundwater desalination project has improved the reliability of an existing alternative water source and reduces dependency on fresh, Upper Florida groundwater in the Southern Water Use Caution Area (SWUCA).

When the Myakkahatchee Creek and Cocoplum Waterway experience seasonal high total dissolved solids (TDS), the RO system provides a high-quality blending process for the treated surface water. The six brackish water production wells (VW-1, VW-2, VW-3, VW-4, VW-5, and VW-6) shown in Figure 2 provides an overview of the six brackish water production wells. All six wells are permitted to withdraw up to a combined total of 2.00 mgd on an annual average daily and total peak monthly basis. The RO treatment component of the WTP has a 75 percent treatment efficiency, which yields 1.50 mgd of finished water prior to blending and storage.

MCWTP Typical Operational Modes and Overall MCWTP Reliable Capacity

Typical operational modes for the MCWTP consist of finished water from both the surface water and RO treatment process that is transferred and blended in the two finished water ground storage tanks to improve finished water quality.

Typically, during the summer months, when the raw water quality and quantity of the Myakkahatchee Creek are sufficient, the surface water portion of this WTP facility is ramped up while only one RO train is in operation. This process allows for a sufficient blended finished water production from the MCWTP. During the winter months, when the raw water quality of the Myakkahatchee Creek is relatively poor, the MCWTP typically operates the surface water and groundwater treatment facilities at a relatively constant 50/50 rate (with typically both RO trains in service.) The MCWTP is typically operated approximately 16 hours per day.

The PRMRWSA and SWFWMD recently performed the 2020 Integrated Regional Water Supply Plan (HDR, 2020). In Table 2.5 of the plan, the City of North Port's 20-year supply capacity projections that were submitted by the City over the 2020 through 2040 timeframe are presented and compared. In 2020, the MCWTP contributes a 3.30 average daily demand and a peak monthly quantity of 3.438 mgd.

By 2025, the Southwest RO Wellfield will contribute an additional capacity of 2.025 mgd to the original mentioned capacities. By 2040, between both facilities, the supply capacity for the City of North Port will be approximately 8.190 mgd average daily supply and 9.423 mgd peak monthly quantity. This supply capacity increase is due to the Southwest RO Wellfield.

2.2.3 City Water Pumping, Distribution, and Transmission Facilities

As mentioned in the City of North Port's Comprehensive Plan, the City's transmission and distribution system piping consists of approximately 368 miles of piping. The system is composed of the major transmission main pipelines that deliver potable water from the MCWTP and the two PRMRWSA Interconnects as well as the Sarasota County and Charlotte County Interconnects to the City's distribution system piping. To maintain consistent operating pressures throughout the system, the City owns and operates three (3) booster pump stations, one interconnect with Sarasota County and two (2) emergency interconnects with Charlotte County's potable water system.

Overall, the sizes of the City's water transmission and water distribution pipelines range from 1 to 20 inches in diameter. The majority of the water mains are polyvinyl chloride (PVC) pipe although some are older asbestos cement (AC) pipe that still remains in the system.

MCWTP High Service Pump Station

Finished potable water treated at the MCWTP is transferred to two on-site ground storage tanks that have a combined storage capacity of 3.5 million gallons (MG). The high service pump station is currently equipped with three identical 125 horsepower (HP) high service pumps, each of which are rated for 1,500 gallons per minute (gpm).

Southwest Booster Pump Station

The Southwest Booster Pump Station was constructed and dedicated to the City of North Port in 2006 and is located in the southwest portion of the City within the Wellen Park community. This remote booster pump station has five pumps that have a total pumping capacity of 4,920 gpm.

Northeast Booster Pump Station

The Northeast Booster Pump Station (NEBPS) was originally constructed in 1995 and is located in the northeastern portion of the City of North Port near the intersection of Haberland Boulevard and Price Boulevard. The function of the NEBPS facility is to collect a portion of the supply originating from the PRMRWSA Interconnect and re-pump it back into the system at the City's desired pressure and flow rate. This remote booster pump station has five pumps that have a total pumping capacity of 5,500 gpm.

Hillsborough Booster Pump Station

The Hillsborough Booster Pump Station (HBPS) is a bidirectional, in-line booster station located along the 12-inch transmission pipeline in the southern portion of the City along Hillsborough Boulevard, west of the PRMRWSA Interconnect. The booster pump station was designed to be able to boost system pressures when flow is going either east or west. This remote in-line booster pump station has two pumps each with a capacity of 2,000 gpm.

2.2.4 City Water Storage Facilities

The City has a total of four 4 MG of combined finished water storage volume at the three booster pump stations and 3.5 MG of finished water storage volume located at the MCWTP, for a total system storage of 7.5 MG.

- MCWTP Finished Water Storage one 2.5 MG ground storage tank and one 1 MG ground storage tank.
- Southwest Booster Pump Station one MG storage tank.
- Northeast Booster Pump Station two storage tanks consisting of 1 MG and 2 MG.
- Southwest Water Treatment Plant one 0.75 MG ground storage tank

2.2.5 There is no storage tank at the Hillsborough Booster Pump Station.Water System Interconnects

The City has potable water system interconnects with the PRMRWSA, Charlotte County, and Sarasota County.

PRMRWSA Interconnects

Water from the PRMRWSA WTP is delivered to the City's transmission and distribution system at a minimum pressure of 65 pounds per square inch (psi) at two 12-inch diameter interconnects located along the southern boundary of the City's service area in eastern North Port.

- The 12" Serris Meter is located at the intersection of Raintree/Serris Dr. and Hillsborough Boulevard in eastern North Port. The Serris Meter has provided the City with bulk finished water from the PRMRWSA for years through the PRMRWSA 36-inch regional transmission main that also delivers water from the PRMRWSA supply to Charlotte County.
- The 12" Price Boulevard Meter is located at the intersection of Raintree/Serris Dr. and Hillsborough Boulevard in eastern North Port. The Price Meter has provided the City with bulk finished water from the PRMRWSA for years through the PRMRWSA 42-inch regional transmission main that also delivers water from the PRMRWSA supply to Charlotte County.
- Together, these 36-inch and 42-inch PRMRWSA Regional Transmission Mains (RTM) provide the two City of North Port interconnects with a very reliable supply of finished water at reliable pressures to serve these two interconnects and to fill the Northeast Booster Pump Station ground storage tanks on demand.
- According to the SWFWMD 2020 Regional Water Supply Plan (RWSP), future phases of the PRMRWSA Regional Integrated Loop System may extend the Phase 2 Interconnect directly to the City of North Port's MCWTP, as well as to create a connection with the Englewood Water District and provide a full transmission loop to Sarasota County's Mabry Carlton Water Treatment Facility.

Table 2 goes into detail about the City of North Port's contractual annual average and peak month public supply from PRMRWSA is currently 2.865 and 3.438 mgd in 2022. The City is authorized to use this water via WUP 20010240.008 (PRF) and WUP 20012926.022 (OFWUP). There is no loss associated with

delivery of PRMRWSA water to the City so the contracted quantities are the same as the finished water capacity for purposes of this report.

Year	Annual Average Daily (MGD)	Peak Monthly Average Day (MGD)	Maximum Day (MGD)
FY11	2.700	3.146	3.780
FY12	2.700	3.146	3.780
FY13	2.700	3.146	3.780
FY14	2.700	3.146	3.780
FY15	2.700	3.146	3.780
FY16	2.865	3.438	4.011
FY17	2.865	3.438	4.011
FY18	2.865	3.438	4.011
FY19	2.865	3.438	4.011
FY20	2.865	3.438	4.011
FY21	2.865	3.438	4.011
FY22	2.865	3.438	4.011
Remaining Years*	2.865	3.438	4.011

Table 2	City of North Port Water Allocation (PRMRWSA MWSC Amendment 2, approv	ed 2015)
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*Remaining Years – The remaining years of the terms of this Master Water Supply Contract (MWSC) have a current expiration date of October 5, 2040.

Charlotte County Interconnects

In addition to the PRMRWSA Interconnects, the City of North Port also has two emergency-only interconnects with Charlotte County's potable water transmission system. These interconnects are all 12-inch diameter pipeline interconnects located near the Charlotte County Border. Refer to Figure 2 for the location of these two Charlotte County metering stations which can supply the City of North Port with an emergency source of potable water.

Sarasota County Interconnect

The Sarasota County interconnect is a secondary source of finished water to the City of North Port during the dry season portion of the year when surface water supplies are limited. During the wet season portion of the year when surface water is readily available, the City of North Port provides water to Sarasota County through this same interconnect. This interconnect may also serve as an emergency interconnect by increasing pressures and flows, if needed as well. As shown in Figure 2, the 12-inch Sarasota County interconnect is located on US-41 at the entrance of State College of Florida and includes telemetry with metering equipment.

2.3 Reuse Water Facilities – Treatment, Storage, and Distribution

The City of North Port has a good base of reclaimed water customers that are served from the City's Wastewater Treatment Facility (WWTF). The City has been following the 2008 Water Reuse Master Plan (Brown and Caldwell 2008) and has continually looked for opportunities to maximize the beneficial use of reclaimed water. At the time of this 2008 report, the population and wastewater flow projections predicted a rather large reuse demand projection. This 2008 report presented a summary ofight reuse capital improvement projects that would meet these overall goals in the Reuse Master Plan, thereby reducing groundwater and surface water withdrawals, which in turn assists with managing the region's overall water resources.

Consistent with the SWFWMD's policy on reuse, the City of North Port's policy is to maximize reuse of the high-quality effluent from its WWTF. The majority of the reclaimed water within the City is used for irrigation of golf courses, parks, and some residential communities.

According to the 2015 Utility Master Plan Report (Wade Trim), the backbone of the City's reclaimed water distribution system consists of approximately 16 miles of 12-inch and 16-inch transmission pipelines. Although stated as a goal in the 2008 Reuse Master Plan, there are currently no reuse system interconnects to neighboring utilities reuse systems.

The reclaimed water distributed system is permitted by the (Florida Department of Environmental Protection (FDEP) under the Domestic Wastewater Facility Permit No. FLA013378-014-DWIP, which expires September 23, 2022. The slow-rate public access reuse system has a nameplate rated capacity of 5.0 mgd AADF. Reclaimed water can be used for irrigation of residential lawns, golf courses, landscape areas, highways medians, fire protection, construction dust control, commercial car washing, and other uses within the designated service area, which includes the incorporated limits of the City of North Port. Table 3 lists the City of North Port's Domestic Wastewater Facility Operating Permit, Section IV major users (defined as using 0.1 mgd or more) of the system:

Major Users ⁽¹⁾	Туре	Capacity (MGD)	Area (Acres)
Sable Trace ⁽¹⁾	Residential and Golf Courses	0.60	100
Heron Creek	Residential and Golf Courses	0.80	120
North Port High School ⁽²⁾	Landscaped Area, Parks, and Playgrounds	0.20	104
North Port City Complex	Landscaped Area and Right-of-Way	0.15	68
Miscellaneous approved sites throughout the City of North Port	Landscaped Areas	3.25	2,734
Totals		5.00	3,126

Table 3	Reclaimed Water	Major	Users

Notes:

1. Although listed in the permit, the Sable Trace Golf Course has been shut down (until a new owner is identified).

2. Although listed in the permit, the North Port High School is not a current reuse customer.

Reclaimed water is transferred to the 2.5 MG reclaimed water storage tank located at the WWTF. The current reuse water customer base consists of two primary bulk users, the Sable Trace and Heron Creek developments. Both of these customers primarily use reuse water for golf course irrigation. The City also provides reuse water directly to some commercial properties, several residential neighborhoods, and to some City-owned properties, such as the North Port City Hall, and certain rights-of-way.

Based on anticipated projections stated in the 2020 SWFWMD RWSP, and assuming a future utilization rate of wastewater flows within the City will be approximately 75 percent by year 2040, the City of North Port's reuse system expansion could provide the ultimate capability of yielding up to 3.00 MGD of annual average beneficial reuse by year 2040. The City will continue to actively seek out new re-use customers and require new development, when possible, to utilize City reuse water.

2.4 Conservation Practices and Regulations

2.4.1 Overview

Despite recent development pressure that has been unprecedented in Sarasota County, North Port and its elected officials have consistently supported measures to conserve the City's natural resources. This includes the protection of endangered species, fresh water, vegetation, and archaeological sites. The City has one of the lowest per-capita water use rates in the region. This is attributed to an extensive conservation program which includes a tiered rate structure, reuse water program, the City's irrigation code, floodplain management both locally and regionally; and, a comprehensive public education and outreach program that promotes water conservation, protection of City and regional resources, and encourages public participation in flood control efforts.

2.4.2 Policies included in North Port's Comprehensive Plan

Chapter 4 Utilities – Potable Water Goals, Objectives, and Policy

In Chapter 4, policies that protect North Port's surface and ground water resources include the following:

- Provide restrictions on development in sensitive areas;
- Conduct a higher level of review in areas bordering Cocoplum Waterway, Myakkahatchee Creek, and freshwater canals;
- Require developers in water conservation areas, including Thomas Ranch and Kelce Ranch and the Panacea DRI, to provide a water resource protection plan;
- Acquire lots along Myakkahatchee Creek and protection of the headwaters of Myakkahatchee Creek;
- Ensure preservation of Myakkahatchee Creek as a Class I potable water supply;
- Participate in Surface Water Improvement Management programs for Charlotte Harbor, the Myakka River, and the Charlotte Harbor National Estuary Program;
- Support regulatory activities designed to increase protection of Myakkahatchee Creek and the Peace River as sources of potable water;

- Amend the Unified Land Development Code to regulate high-risk land uses within areas having potential for potable water resources;
- Create a new section of the Unified Land Development Code addressing wellhead and wellfield protection consistent with FDEP regulations;
- Request cooperative funding assistance from the SWFWMD to identify zones of protection and cones of influence around wells and wellfields;
- Implement programs to improve water quality in the surficial aquifer;
- Discourage the use of septic tanks;
- Require stormwater treatment for all new development and retrofit stormwater treatment in developed areas;
- Pursue funding for controlling non-point source pollution;
- Implement aquifer protection plans as required by the Safe Drinking Water Act;
- Amend the Unified Land Development Code consistent with F.S 163-3202 to regulate land use development to protect natural drainage and ground water recharge areas;
- Maintain surficial water table levels at current levels;
- Require the use of stormwater treatment ponds; and implement through amendments to the Unified Land Development Code recommendations contained in the Big Slough Study when completed.

The Potable Water Element – Chapter 4

Policies that address further water resource development include the following:

- Identify and evaluate other sources of potable water such as ground water, surface reservoirs, desalination, cisterns, and water conservation resources;
- Coordinate with regional agencies such as the SWFWMD, the PRMRWSA, and the Water Alliance for technical assistance to develop reliable water sources;
- With the assistance of regional agencies identify, evaluate and develop potable water sources including groundwater, surface reservoirs, desalination, cisterns, and water conservation resources;
- Enter into Developer Agreements for properties determined to have water resources potential to allow testing for the purpose of developing water supplies;
- Enter into Developer Agreements to develop potable water supply wellfields or surface sources; and
- Amend the Unified Land Development Code to regulate high risk land uses in area with potential for the development of water resources.

Water Conservation policies to conserve water include the following:

- Implement conservation programs consistent with the Comprehensive Plan Conservation Element;
- Implement and enforce City regulations and restrictions on water use consistent with the SWFWMD's Water Shortage Plan and any other regulatory agency when called to do so;
- On a regular basis, evaluate building codes, utility regulations, landscaping ordinances, and public education for implementation of water conservation measures;
- Encourage "Florida Friendly" plantings, the use of native plant landscaping and draught resistant plants, and other water saving measures in the Unified Land Development Code;
- Discourage water intensive developments;
- Support and implement SWFWMD and FDEP programs promoting conservation of potable water by reuse of treated wastewater effluent;
- Require metering of all potable and reclaimed water to ensure accountability;
- Ensure coordination between the SWFWMD Regional Water Supply Plan and the Comprehensive Plan by emphasis of water conservation and the use of reclaimed water;
- Maximize the utilization of existing water production facilities;
- Not provide potable water service to development areas designated as Agriculture / Estate; cooperate with the SWFWMD to remedy free-flowing or leaking artesian wells; and
- Discourage the use of septic tanks (while promoting reclaimed water).

Chapter 5 Conservation and Coastal Zone Management – Goals, Objectives, and Policy

The city's surface water source, Myakkahatchee Creek, is a tributary of the Myakka River system. The city is a participant in the State - Local Agreement for administering the Myakka Wild and Scenic River Protection Zone. The goals, objectives, and policy outlines for the conservation and coastal zone management can be found at the following site: -

https://www.cityofnorthport.com/home/showpublisheddocument/16787/636530842875130000

2.4.3 Ordinances in Place

North Port has ordinances in place with regard to conservation including Section 22 – Environment and Natural Resources, Section 38 - Natural Resources 38-19 through 38-30 that address enforcement of water use restrictions and reclaimed water utility; as well as the Potable Water Goals and Objectives listed in the Comprehensive Plan. In the <u>ULDC</u>, North Port has several sections relating to water conservation, including Chapter 21.

2.4.4 Education and Outreach Programs

The City has an extensive outreach program and speaks to community and school groups, hosting workshops and contest and outreach through social media. North Port has received international awards for their outreach program. As a demonstration of this commitment, North Port Utilities staffs a full-time outreach position. Refer to https://www.cityofnorthport.com/government/city-services/utilities for information regarding North Port's ongoing conservation and public educations programs.

2.4.5 Conservation Oriented Water Rates

North Port Code Section 78-23 and Resolution No. 2019-R-16 provide for progressive water rates to encourage water conservation. As of October 1, 2021, the new general water rate is \$4.50 per 1,000 gallons for the first block and increases to \$22.56 for the sixth block of water consumed per raw water meter.

2.4.6 Rebates and Retrofits

The City has participated in programs in the past to encourage the implementation of water conserving appliances and fixtures. Currently, they do not have a fixture replacement program but may implement in the future.

2.4.7 Leak Detection

The City is pursuing purchasing leak detection equipment; however, currently does not have an ongoing leak detection program.

3.0 Potable Water Demand Projections

Potable water demand projections for the City of North Port are presented and discussed below. The following sections briefly describe the population and water demand projection methodologies. The methods are based on population projections, housing growth, developer trends, the City's Water Main Extension Plan, and historical water production. The following reports and data were gathered to complete water demand projections using these methodologies.

The City's population projections are shown in Table 4 along with the average demand projections for the 10-year period from 2022 through 2032. The basis of the City's water demand projections is the University of Florida's Bureau of Economic and Business Research (BEBR) projections, the City's Planning Department's current planned projections, the SWFWMD projections, as well as consideration of current developer growth, and the US Census Bureau's block data projections.

The City of North Port is experiencing rather high population and demand growth due to the construction and expansion of the Wellen Park community. The calculated population projections are presented in Table 4 below. The area denoted as 'Other' includes parcels with growing populations that are not included within the Wellen Park community but still lie within city limits. In 2022, the City of North Port's community has a total of 62,351 residents. Currently, The Wellen Park community consists of approximately 19 percent of those residents. By 2032, The Wellen Park community's population is anticipated to be approximately 42 percent of the total population in the City of North Port. In 2032 the projected population for the City of North Port is deemed to increase by approximately 35 percent with a grand total of 95,188 residents.

The calculated annual average daily potable water demand projections are presented in Table 5. Water supply demands are also expected to increase as the population increases. The annual average day water supply demand increases from 3.88 mgd in 2022 to 5.87 mgd in 2032. The City's water supply demands will increase by approximately 35 percent within the next 10 years.

In summary, the future continuous development of the Wellen Park community will result in a population and demand increase from 2022 through 2032.

Population					
Year 2022 2027 2032					
Wellen Park	11,887	25,936	39,986		
Other	50,464	53,218	55,202		
Total	62,351	79,154	95,188		

Table 4 City of North Port 2022-2032 Population Projections

Table 5 City of North Port 2022-2032 Demand Projections

Annual Average Flow (MGD)							
Year 2022 2027 2032							
Wellen Park	0.93	1.78	2.64				
Other	2.95	3.11	3.23				
Total	3.88	4.89	5.87				



Functionalized Population Projections

Figure 3

City of North Port Population Projections Comparisons

3.1 Future Potable Water System Expansions

Current WTP Expansions

The City CIP program has several reliability, sustainability, and rehabilitation projects planned for the conventional surface WTP portions of the MCWTP, although these CIPs are not expanding the capacity of this facility. For example, one of the detailed CIPs (**Appendix B**) mentions current and future upgrades

to the MCWTP that include filter improvements, rehabilitation of floc basin #2, and rehabilitation of the clearwells and pump rooms.

In response to anticipated growth and water demands from large scale developments that are planned in the Wellen Park, Kelce Ranch, and Panacea areas, the City and the Comprehensive Plan have considered these areas as focal points of growth in the future. The City utilized a previously constructed and capped brackish groundwater wellfield to develop the new Southwest Treatment Plant which will serve the Wellen Park community that is rapidly growing. The groundwater wellfield is permitted for an average and peak withdrawal rate of 2.7 mgd. Assuming 25 percent RO treatment losses, the finished water capacity is anticipated to be 2.03 mgd. In Summer 2022, the construction of the Southwest Water Treatment Plant will be finalized and issued for service.

Future Potable Water Transmission and Distribution System Expansions

Although there are no plans for expanding the City of North Port's service area, North Port Utilities has proactively expanded some portions of its potable water distribution system over the past few years in its overall goals of ultimately serving everyone within its service area.

The CIPs detailed in **Appendix B** focus on water transmission and distribution upgrades and expansions, along with rehabilitation of facilities. For example, an extension of 16,000 linear feet of 10-inch pipeline has been designed, permitted, and constructed from Price Boulevard to Hillsborough Boulevard on San Mateo Drive. There are also several water distribution system improvements planned that will improve the reliability of the system, fire flow, water quality, and pressure as well as reduce the amount of flushing necessary to maintain water quality. Projects like these are to be phased throughout city limits within the next 10-year timeframe, as outlined in **Appendix B**.

3.2 Summary of Water Demands, Facilities Capacity, and Permits

Table 6 summarizes the next 10-year period from 2022 to 2032, the City of North Port's approximate demands, supply and treatment capacity, contracted water amount, and permitted WUP amount.

Table 6	Summary of City of North Port Water Demands, Supply/Treatment Capacity, and
	Permitted Amounts

Year	2022	2027	2032
Population Served ⁽¹⁾	62,350	79,154	95,188
Average Daily Demand (mgd) ⁽¹⁾	3.87	4.89	5.87
Available Supply/Treatment	t Capacity (mgd)		
Myakkahatchee Creek Water Treatment Plant ⁽²⁾	4.400	4.400	4.400
PRMRWSA Interconnects	2.865	2.865	2.865
Southwest Water Treatment Plant ⁽³⁾	0.000	2.000	4.000
Total Supply/Treatment Capacity (mgd)	7.265	9.265	11.265
Facility Treatment Capacity Surplus ⁽⁴⁾	3.395	4.375	5.395

Year	2022	2027	2032					
Permitted/Contracted Water Amount (mgd)								
Surface Water and Wellfield Sources (WUP Quantities) ⁽⁵⁾	7.100	7.100	7.100					
PRMRWSA	2.865	2.865	2.865					
Future Permitted/Contracted Water Amount	0.000	0.000	0.000					
Total Permitted/Contracted Amount (mgd)	9.965	9.965	9.965					
Permitted/Contracted Surplus ⁽⁶⁾	6.095	5.075	4.095					

Notes:

1. Based on City of North Port and SWFWMD demand projections and population projections shown in Table 4 and Table 5.

- 2. The expected total reliable production capacity of the MCWTP facility is expected to remain at 4.4 mgd on an annual average daily basis.
- 3. Based on the anticipated development schedule in the WVID area, the new brackish groundwater wellfield is permitted for an average and peak withdrawal rate of 2.7 mgd. Assumed 25 percent RO treatment losses, the finished water capacity is anticipated to be 2.03 mgd.
- 4. Calculated by subtracting Average Daily Demand from Total Supply/Treatment Capacity.
- 5. Refer to Table 1 for a summary of the combined surface water and groundwater WUP withdrawal limits for the City.
- 6. Calculated by subtracting the Average Daily Demand from the Total Permitted/Contracted Amount.

As shown in Table 6, the City of North Port's treatment capacity surplus of 5.395 mgd in year 2032 will be sufficient to meet the projected demands in the future.

4.0 10-Year Work Plan (CIP)

The 10-year work plan for the City of North Port is presented in this section.

To meet future needs based on increases in customer growth and to properly maintain its potable water systems, the City has developed a CIP program that consists of a variety of major additions, extensions, improvements, and rehabilitations of its potable water infrastructure. These projects will be funded from the water capacity fee fund, utility revenue fund, SWFWMD grants, and other potential grants such as American Rescue Plan Act. A summarized description of the primary CIP projects up to fiscal year 2026 is listed below:

- 1. Needs and site selection analysis, design, permitting, and construction of a new administration and field operations building.
- 2. Construction of the Haberland Blvd., Woodhaven Drive/Bobcat Trail, and North Toledo Blade Blvd. Bridges.
- 3. Water distribution improvements throughout the City. The locations will be prioritized based on results of fire flow and water quality dynamic hydraulic modeling.
- 4. Removal and relocation of the watermain on the bridge located on Ortiz Blvd., in conjunction with Sarasota County which is currently out to bid and construction will begin later this year.
- 5. Rehabilitation of the MCWTP. Upgrades will include filter improvements, rehabilitation of the flash mixer, floc basin #2, clearwells, and pump rooms.
- 6. Rehabilitation of the raw water intake structures on the Myakkahatchee Creek and Cocoplum Waterway.
- 7. Construction cost of oversizing water mains in various locations throughout the City due to development.
- 8. Develop, install, and run a pilot plant of the selected alternative(s) identified in the Direct Potable Reuse Feasibility Study.
- 9. Construction of a sludge press.
- 10. MCWTP improvements to provide treatment capability of Myakkahatchee Creek water during periods of high TDS.
- 11. The demolition and replacement of the current powder activated carbon system.
- 12. Replacement of old steel water lines affixed to bridges.
- 13. Extend water and wastewater to the commercial areas at the I-75/Toldeo Blade Blvd. and I-75/Sumter interchange.
- 14. Extend water and wastewater to residents throughout the City.

Appendix B details the City of North Port's current 10-Year Project Summary and CIPs for improving its potable water infrastructure.

5.0 Goals, Objectives, and Policies

City of North Port Comprehensive Plan

The Comprehensive Plan was updated and approved by the City on June 27, 2017. The Comprehensive Plan, specifically, the Potable Water Element (Chapter 4) will be utilized to adopt a new Utilities Master Plan in Fall 2022. Furthermore, the City of North Port's Comprehensive Plan and associated goals, objectives, and policies are consistent with the City's regional planning.

This document provides the basis for establishing a level of service and demand for potable water generated by any future development and for system expansions to meet that demand. **Appendix B** provides detailed CIPs that will initiate these goals, objectives, and policies with those that are established in the PRMRWSA/SWFWMD 2020 Integrated Regional Water Supply Plan Update.

The City intends to continuously ensure the availability of water supplies, protection of water sources, promotion of conservation, and coordinating with SWFWMD and the PRMRWSA and other water providers within the region to implement this work plan.

Highlights of the City's Comprehensive Plan related to potable water include commitments to the following:

- 1. Update the City's 10-Year Water Supply Facility Work Plan.
- 2. Update the City's Master Plan every 5 years.
- 3. Develop, operate, and maintain an environmentally sound, economically efficient, potable water treatment and distribution system.
- 4. Assure the potable water treatment and distribution system meets all regulatory standards.
- 5. Maintain funding for system improvements.
- 6. Continuously consult with the PRMRWSA to assure any water which the City cannot supply that is needed to meet development could be supplied elsewhere.
- 7. Protect the City's water supplies from contamination.
- 8. Continue to implement conservation programs.
- 9. Continue to participate in regional planning efforts.
- 10. Continue to address water loss in the distribution system and the repair and replacement of aging infrastructure.
- 11. Continue to protect the water quality and quantity in the surficial aquifer.

6.0 Summary and Conclusions

F.S., Section 163.3177(6)(c) requires local utilities to incorporate local projects identified in the Regional Water Supply Plan into their own 10-Year Water Supply Facilities Work Plan within 18 months after Governing Board approval.

The City of North Port has prepared this update to their Water Supply Facilities 10-Year Work Plan in coordination with the 2020 Regional Water Supply Plan – Southern Planning Region approved by the SWFWMD Board in November 2020.

In the next 10 years, North Port will need to renovate the MCWTP and utilize approximately 2 mgd of the new Southwest Water Treatment supply to serve the anticipated development needs in the Wellen Park Community. During this 10-year period, the City will continue to strategically build, maintain, operate, improve existing potable water infrastructure, and control water loss. The City will continue with conservation programs where opportunities present themselves.

Currently, the City of North Port is developing a Potable Water Master Supply Plan that will be finalized in the Fall of year 2022. This forthcoming master plan effort will focus on a more prioritized CIP list of projects that will identify additional specific improvements in the future.

This Water Supply Facilities 10-Year Work Plan is consistent with North Port's 2017 Comprehensive Plan, the 2020 Regional Water Supply Plan – Southern Region, and any planning conducted by the North Port's local supplemental potable water provider PRMRWSA.

7.0 References

2017 City of North Port Comprehensive Plan:

1. Chapter 4 Potable Water, Groundwater Aquifer Recharge Station, June 2017.

By reference in the North Port Comprehensive Plan update:

- 2. Giffels-Webster Engineers, Inc., Preliminary Cost Estimates and General Sequencing of Master Plan, October 2020.
- 3. Wade Trim, 2015 City of North Port's Utilities Master Plan, September 2015 (accepted by City Commission on April 26, 2016).
- 4. Wade Trim, 2014 Water Demand Analysis, June 2014 (accepted by City Commission on April 28, 2014).
- 5. Hazen and Sawyer, 2007 Water Utilities Master Plan Update, March 2008 (accepted by City Commission on April 28, 2008).
- 6. Watermark Engineering Group, City of North Port US 41 Corridor Utility Master Plan Executive Summary and Study Updates, January 2010.
- 7. Carollo Engineers, 2008 Water Treatment Plant Enhancement Study, 2008.
- 8. 2022 Demand Projections from the ongoing 2022 Water Master Plan.
- 9. 2022
- 10. Wade Trim, Southwest Florida Water Management District, 2020 Regional Water Supply Plan Southern Planning Region, November 2020.
- 11. HDR, 2020 Peace River Manasota Regional Water Supply Authority Integrated Regional Water Supply Plan, 2020.

Appendix A. City of North Port Comprehensive Plan Summary

GOAL 1: PROMOTE AND MAINTAIN BALANCED AND ORDERLY ECONOMIC GROWTH.

Objective 1.1: Attraction, Retention, and Expansion of Targeted Businesses - The City shall plan, design, and implement programs, projects, and activities that support and assist in the expansion of existing businesses in the City and the recruitment of new businesses.

Policy 1.1.1: The City will support the continuation and expansion of existing commercial and manufacturing enterprises at appropriate locations through technical assistance, the provision of incentives, and/or other appropriate strategies.

Policy 1.1.2: The City will support and encourage the establishment of new commercial and manufacturing enterprises at appropriate locations, with a focus on businesses that will be owned by and/or that will employ City residents, through technical assistance, the provision of incentives, and/or other appropriate strategies.

Policy 1.1.3: North Port may continue efforts to create mechanisms, including incentives and workforce training, to attract, retain and expand diverse, innovative, and responsible businesses to the City.

Policy 1.1.4: Encourage and support regional collaboration to advance mutual economic goals, while maintaining competitive incentives and programs to attract and retain diverse industries to expand North Port's economic base.

Policy 1.1.5: The City recognizes the value of continuing to establish land use regulations that allows industrial and commercial uses, in appropriate locations, that have limited options for locating in other areas of the County and region, if these uses employ best management practices that reduce negative on- and off-site impacts and are appropriately buffered from other potentially incompatible land uses.

Policy 1.1.6: The City shall seek to diversify its tax base through the implementation of programs to attract additional commercial, industrial, and mixed-use developments and encourage the development or redevelopment of vacant or underutilized parcels.

Objective 1.2: Coordinated Planning and Economic Development - Create a regulatory environment that embraces collaboration and cooperation.

Policy 1.2.1: Coordinate planning and growth management initiatives with the City's economic development and redevelopment strategies.

GOAL 2: ENHANCE RELATIONSHIPS WITH THE BUSINESS COMMUNITY

Objective 2.1: Public/Private Partnerships - Engage in and create innovative partnerships to support existing businesses and business expansion opportunities.

Policy 2.1.1: The City will identify, maintain, and promote a cluster industry development approach throughout the city to strengthen existing businesses and interrelationships, and also to create a framework for targeting economic development activities.

Policy 2.1.2: The Economic Development Office shall mobilize public and private resources, including educational institutions, to support the City's economic development efforts to assist both existing and new businesses.

Policy 2.1.3: The City strives for a business-friendly atmosphere which enhances economic diversity by eliciting feedback from businesses and organizations representing the commercial, industrial, business sectors and encourages private sector investment in office and business parks.

Policy 2.1.4: Promote and encourage programs that facilitate market identification, management training, technical assistance, and improved capital access.

Policy 2.1.5: The City may support financial assistance and specialized training programs to encourage the development of businesses enterprises.

Policy 2.1.6: Encourage the development of business incubator facilities.

Policy 2.1.7: Coordinate planning initiatives and regulatory processes with external partners and programs to ensure maximum dissemination of information for maximum economic benefit.

Policy 2.1.8: Work with appropriate public sector and private groups to promote economic development in targeted areas.

GOAL3: EXPAND AVAILABILITY OF EDUCATIONAL AND TRAINING OPPORTUNITIES

Objective 3.1: Workforce Attraction and Training - Encourage efforts to attract, develop, and retain a workforce for targeted industries and training opportunities for the resident workforce in order to obtain necessary work skills to qualify for higher wage jobs.

Policy 3.1.1: The City encourages partnerships between existing and potential businesses and educational institutions to develop programs that will utilize new and existing technologies as they become available and widely utilized in the marketplace.

Policy 3.1.2: The City will continue to encourage the presence and expansion of university programs within the City and incorporate specific strategies within a strategic economic development plan.

Policy 3.1.3: Support opportunities for STEM (Science, Technology, Engineering, and Mathematics) educational opportunities by working with area high schools.

Policy 3.1.4: The City should continue to work with educational partners to ensure there are appropriate educational opportunities, job skills programs, and facilities to meet business and industry needs.

Policy 3.1.5: Encourage community based educational support for potential entrepreneurs to develop business skills.

Policy 3.1.6: The City may support and promote efforts to provide education and training to its residents in order to prepare them to work in targeted business sectors and industries, and to become more competitive at the local, regional, state and national levels.

GOAL 4: INVENTORY AND DEVELOP INFRASTRUCTURE TO MEET EXISTING AND FUTURE NEEDS OF BUSINESS AND THE PUBLIC

Objective 4.1: Growth Management and Infrastructure - Inventory and plan the development of infrastructure to not only suit existing needs but future needs of the business community and public as well.

Policy 4.1.1: The City will plan for sufficient public infrastructure (i.e., transportation network and utilities) to serve the growth needs of new and expanding business and industry.

Policy 4.1.2: The City encourages the location of business and industry in Activity Center(s) and other areas designated for future infrastructure improvements in the City's Capital Improvements Program.

Policy 4.1.3: The City shall continue to pursue State and Federal grant funds that may be applicable to infrastructure improvements as well as other activities that enhance the City's competitive position in attracting new business and industry.

Policy 4.1.4: The City shall identify and implement capital improvement projects to address infrastructure deficiencies and improve the quality of the built environment, and the function of its land use districts.

Policy 4.1.5: The City shall develop a list of strategic improvements needed to support entrepreneurial and business activities, including but not limited to connectivity, business signage, improving the alignment of streets, customer parking, stormwater management, sidewalk completion, urban greening, street repair, building renovation, and gateways.

GOAL 5: ACHIEVE AN ECONOMICALLY STABLE COMMUNITY WITH A SUPERIOR QUALITY OF LIFE.

Objective 5.1: The City encourages the full utilization by businesses and industries of the economic development enhancement programs implemented by the Legislature for the purpose of the development and expansion of permanent job opportunities, especially for the economically disadvantaged, brownfield designations, tax incentives, community development corporations, and other programs designed to enhance economic and employment opportunities.

Policy 5.1.1: Expand urban, sub-urban and neighborhood infill development and redevelopment housing options that support the workforce by planning for development near employment and transportation centers.

Policy 5.1.2: Expand housing options that support the local workforce by planning for development near employment and transportation centers.

Policy 5.1.3: Promote policies and activities that support the quality of life of our targeted workforce.

Policy 5.1.4: The City will encourage the development of major public and/or private hospital facilities.

Policy 5.1.5: Attract young professionals by supporting urban, sub-urban, and neighborhood infill development and redevelopment as the city evolves and grows with new industries and new residents.

Objective 5.2: Quality of Life and Tourism - Continue to enhance local attractions and recreational facilities to promote quality of life and tourism.

Policy 5.2.1: Enhance North Port's draw as a tourist destination by strengthening and diversifying the arts and entertainment offerings, promoting historical and archaeological assets, enhancing natural resources, developing recreation and sports opportunities, and expanding the availability of events and venues.

Policy 5.2.2: The City of North Port will continue to promote arts and culture into the social and economic fabric of North Port.

Policy 5.2.3: The City will continue to require all new development in all Activity Centers to provide public art or contribute financially for the acquisition of public art within the City.

Policy 5.2.4: The City shall continue to support arts and culture and the preservation of natural, historic, and archaeological assets as core component to enhancing the economic health of the City.

Policy 5.2.5: The City will identify local and sub-regional attractions in the natural and built environment to promote tourism.

Appendix B. City of North Port's 10-Year Water Facilities Work Plan

Water Systems Projects Summary																		
SUMMARY OF COSTS			_		_												 	
			_		-			_		-		_			_		 	
		Fiscal Year	-	Fiscal Year	-	Fiscal Year	 Fiscal Year		Fiscal Year	-	Fiscal Year		Fiscal Year	 Fiscal Year		Fiscal Year	 Fiscal Year	 Fiscal Year
Project		2021-2022		2022-2023		2023-2024	2024-2025		2025-2026		2026-2027	1	2027-2028	2028-2029		2029-2030	 2030-2031	 2031-2032
Plant Rehab/maitenence	\$	3,037,000	\$	330,000	\$	400,000	\$ 500,000	\$	222,500	\$	150,000	\$	-	\$ 300,000	\$	-	\$ 330,000	\$ -
Generator Switchgear (20 years)	\$	-	\$	-	\$	150,000	\$ 150,000	\$	150,000	\$	150,000	\$	-	\$ -	\$	-	\$ -	\$ -
Pump Replacement	\$	85,000	\$	85,000	\$	85,000	\$ 85,000	\$	85,000	\$	85,000	\$	85,000	\$ 85,000	\$	85,000	\$ 85,000	\$ 85,000
Chem Pump Skid Replacement (per												Ì						
schedule)	\$	70,000	\$	70,000	\$	70,000	\$ 70,000	\$	70,000	\$	70,000	\$	70,000	\$ 70,000	\$	70,000	\$ 70,000	\$ 70,000
Well Cleaning/Rehab	\$	170,000	\$	180,000	\$	150,000	\$ 75,000	\$	-	\$	-	\$	-	\$ -	\$	125,000	\$ 12,000	\$ 15,000
Coatings	\$	-	\$	160,000.00	\$	190,000.00	\$ 85,000.00	\$	5,000.00	\$	-	\$	-	\$ 62,000.00	\$	-	\$ -	\$ 270,000.00
VFD Replacements	\$	-	\$	75,000	\$	-	\$ 80,000	\$	30,000	\$	55,000	\$	35,000	\$ -	\$	-	\$ -	\$ -
PLC panel replacement	\$	40,000	\$	40,000	\$	40,000	\$ 40,000	\$	40,000	\$	40,000	\$	40,000	\$ 40,000	\$	40,000	\$ 40,000	\$ 40,000
Security system upgrades	\$	27,000	\$	-	\$	30,000	\$ -	\$	-	\$	50,000	\$	32,000	\$ -	\$	-	\$ -	\$ 100,000
Instrument Replacements	\$	-	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -
Bulk Chemical Tank Replacement	\$	45,000	\$	35,000	\$	-	\$ -	\$	90,000	\$	155,000	\$	50,000	\$ 175,000	\$	35,000	\$ 100,000	\$ 50,000
Required Service (Mote Marine,GST																		
cleaning, AWIA)	\$	100,000	\$	100,000	\$	387,500	\$ 175,000	\$	107,500	\$	140,000	\$	107,500	\$ 190,000	\$	272,500	\$ 100,000	\$ 107,500
Fence Replacement	\$	70,000	\$	-	\$	-	\$ -	\$	132,000	\$	14,000	\$	72,000	\$ 7,000	\$	7,000	\$ 7,000	\$ 7,000
SCADA/Server Replacement	\$	-	\$	-	\$	-	\$ -	\$	70,000	\$	25,000	\$	-	\$ -	\$	-	\$ 25,000	\$ 75,000
Water Transmission oversizing	\$	50,000	\$	50,000	\$	50,000	\$ 50,000	\$	50,000	\$	50,000	\$	50,000	\$ 50,000	\$	50,000	\$ 50,000	\$ 50,000
Water Supply Facilities 10 yr work																		
plan	\$	55,000																
Sludge Press								\$	3,000,000									
Treatability Study Results														\$ 8,000,000				
Reclaimed to Potable (DPR)					\$	2,500,000												
Developer funded water treatment	\$	24,150,000																
Developer funded water treatment	plan	t																
MCWTP Pre-disinfection														\$ 500,000				
NEB recirc pump project												\$	95,000					
MCWTP Roof replacement	\$	125,000																
I&C/Maintenance Building (Split																		
Cost with WWTP)							\$ 45,000	\$	300,000									
PR interconnect MOV & controls			\$	100,000														
Hillsborough Relocation (road																		
widening)					\$	200,000	\$ 2,000,000											
Replace PAC								\$	370,000									
RO plant run W/O Surface water							\$ 50,000					ļ						
Reservoir												\$	10,000,000					
Total Cost	\$	28,024,000	\$	1,225,000	\$	4,252,500	\$ 3,405,000	\$	4,722,000	\$	984,000	\$	10,636,500	\$ 9,479,000	\$	684,500	\$ 819,000	\$ 869,500
Plant Rehab CIP line	\$	3.037.000	\$	590,000	\$	590,000	\$ 585,000	\$	227,500	\$	150.000	\$	-	\$ 362.000	\$	-	\$ 330.000	\$ 270.000

			CIP D	etail Sheets			
Project: U18UAB	Title: Utilities Admin	nistration Building & I	Field Operations	Center		Status: Existing	CIP Project
Category: City Fac	ilities	0	Department: W	ATER & SEWER U	JTILITIES		LMS: N/A
	Comprehensive	Plan Information			P	Project Location	
CIE Project: Yes	NI/A	Capital Improveme	ent:	District:			0
LOS/Concurrency.	N/A	Project Need: N/A	Progra	mmed Eunding			
Programmed	Appropriated	Budgeted	riogra	Non-An	propriated Proar	ammed CIP Fundina	
Funding	To Date	FY 2022	FY 2023	FY 2024	FY 202	5 FY 2026	Future Funding
13,110,000	13.110.000	0		0	0	0	0 0
	0		Proje	ct Description	-		
Needs and site sele	ction analysis, desig	n, permitting, and co	instruction of a n	ew administration a	and field operations	s building.	
near an archeologic historical document This project is funde Expenditures To Da	al site; therefore, no s, staff, and operatio ad by Utilities funds, te \$334,050	additional property is ns to a larger locatio Water Capacity Fees	s available in the n to allow for gro Fund s, and Sewer Ca Operatio	e immediate vicinity work would be more ling Strategy pacity Fees. In Budget Impact	to expand the exise	sting site. Moving the offic	æ, inventory,
With a larger parcel Fiscal Year 2023.	of land and building	, there would be add	itional maintenai	nce and electrical c	osts. Operational e	expenditures are anticipat	ed to be budgeted in
-	Impact Description	on	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Operat	ing Expenditures		0	3,100	3,163	3,228	3,295
	Decion				5- b		
	Project	cimage			Sch	edule of Activities	
				Proje DESIGN/ENGI LAND ACQUIS CONSTRUCTIO EQUIPMENT	ict Activities NEERING JITION DN	From - To 10/2017 - 09/2021 10/2017 - 09/2021 10/2019 - 09/2023 10/2019 - 09/2023	<u>Amount</u> 850.000 1.660.000 10.000.000 600.000
	~ /				Total	Budgetary Cost Estimat	e: 13,110,000
					Funding Ser	ans of Financing	Amount
				WATER CAPAC	TTY FEE FUND	ite	2 500 000
				SEWER CAPAC	ITY FEE FUND		2.500.000
				UTILITY REVEN	UE FUND		8.110.000
					Tota Future	al Programmed Funding Funding Requirements	j: 13,110,000 s: 0

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			CIP Deta	il Sheets		
Project: U19WSM	Title: Water Transm	ission on San Mateo	Drive from Price Bo	ulevard to Hillsborough Boul	evard Status: Existing CIF	Project
Category: Utilities -	Water Systems	1	Department: WATE	R & SEWER UTILITIES		LMS: N/A
OIE Designate MVA	Comprehensive F	Plan Information		District	Project Location	
LOS/Concurrency:	N/A	Project Need: N/A	11:	Location:		
Loorconcurrency.		rioject need. NA	Programme	d Funding		1
Programmed	Appropriated	Budgeted		Non-Appropriated Pr	ogrammed CIP Funding	
Funding	To Date	FY 2022	FY 2023	FY 2024 FY	2025 FY 2026	Future Funding
2,987,909	2,987,909	0	0	0	0 0	0
		a	Project De	escription		
Design, permit and o	construct a pipeline f	rom Price Boulevard	to Hillsborough Bou	levard on San Mateo Drive.		
Design, permit and o infrastructure reduce detrimental impact o	construct a pipeline f es down to ranging b n water quality.	rom the Price to Hillst etween 12" and 6", bu	oorough on San Ma ut does not run stric Funding	teo. The project consists of 1 tly along San Mateo. Many s Strategy	6,000 linear feet of new 10" pipe ections run along various side st	. The existing reets, having a
Expenditures To Date	d by Utilities funds a te\$1,339,632	nd Water Capacity Fe	ees.			
3						9
			Operation Bu	dget Impact		
pumping systems.	Project	Image		Project Activities DESIGN/ENGINEERING CONSTRUCTION	Schedule of Activities From - To 10/2018 - 09/2020 10/2018 - 09/2022	Amount 350.000 2.637.909
				т	otal Budgetary Cost Estimate:	2,987,909
		Card Balance	Contraction of the	Funding	Source	The Distance of the State of th
		No. of Concession, Name				Amount
All of the second lines of the				WATER CAPACITY FEE FUND		480.000
				WATER CAPACITY FEE FUND UTILITY REVENUE FUND		Amount 480.000 2.507.909
				WATER CAPACITY FEE FUND UTILITY REVENUE FUND	Total Programmed Funding:	Amount 480.000 2.507.909 2,987,909
				WATER CAPACITY FEE FUND UTILITY REVENUE FUND	Total Programmed Funding. ture Funding Requirements:	Amount 480.000 2.507.909 2,987,909 0

Project: U21WBR			CIP Detai	l Sheets		
Category: Utilities	Title: Water Pipeline	e Bridge Replacemer	nts - Haberland/Wood	ihaven/North Toledo Bla	ade Status: Ex	isting CIP Program
category. Oninties	Water Systems		Department: WATE	R & SEWER UTILITIES		LMS: N/A
	Comprehensive I	Plan Information			Project Location	
CIE Project: N/A	N//A	Capital Improveme	nt:	District:		
LOS/Concurrency:	N/A	Project Need: N/A	Programmo	d Eunding		
Programmed	Appropriated	Budgeted	Programme	Non-Appropriate	d Programmed CIP Fundi	20
Frogrammed	Appropriated	EV 2022	EV 2022	EX 2024	EV 2025	26 Eutomo Fundina
Funding	10 Date	PT 2022	170 000	FT 2024	FT 2025 FT 20	20 Future Funding
742,906	297,906	275,000	170,000	0	U	U
place in the followin	g two years.	benand boulevard, w	Project P:		do blade boulevard bridges	s. Construction will take
To improve the pota lines on three bridge and leaks are on pip This program will be	ble water distribution as is planned, with ac be bends that cannot a funded by Surtax ar	n system reliability to dditional ones in the f be readily repaired. nd Utilities funds.	the residents of the C future. Old steel wate Some very small leak Funding S	City. The project is in va r lines on bridges have are unable to be stop Strategy	arious locations in the City. F reached end of their service ped at this time resulting in	Replacement of aged water life and pipe deterioration un-billed water loss.
Expenditures To Da	te \$0		0			
	Project	Image			Schedule of Activities	
	Project	Image			Schedule of Activities	
	Project	Image		Project Activit DESIGN/ENGINEERING CONSTRUCTION	Schedule of Activities ies From - T 10/2020 - 09/ 10/2021 - 09/	Fo <u>Amount</u> 2021 253.670 2023 489.236
	Project	Image		Project Activit DESIGN/ENGINEERING CONSTRUCTION	Schedule of Activities ies From - T 10/2020 - 09/ 10/2021 - 09/ Total Budgetary Cost Es	Fo <u>Amount</u> 2021 253.670 2023 489.236 stimate: 742,906
	Project	Image		Project Activit DESIGN/ENGINEERING CONSTRUCTION	Schedule of Activities ies From - T 10/2020 - 09/ 10/2021 - 09/ Total Budgetary Cost Es Means of Financing	Fo <u>Amount</u> 2021 253.670 2023 489.236 stimate: 742,906
	Project	Image		Project Activit DESIGN/ENGINEERING CONSTRUCTION Func	Schedule of Activities ies From - T 10/2020 - 09/ 10/2021 - 09/ Total Budgetary Cost Es Means of Financing ling Source	Amount 2021 253.670 2023 489.236 stimate: 742,906 Amount 400.000
	Project	Image		Project Activit DESIGN/ENGINEERING CONSTRUCTION SURTAX JTILITY REVENUE FUND	Schedule of Activities ies From - T 10/2020 - 09/ 10/2021 - 09/ Total Budgetary Cost Es Means of Financing ling Source	Amount 2021 253.670 2023 489.236 stimate: 742,906 Amount 489.236 253.670 253.670

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			CIP Det	ail Sheets			
Project: U21WDI	Title: Water Distribu	ution System Improve	ements			Status: Existing CIP	Program
Category: Utilities -	Water Systems		Department: WAT	ER & SEWER UTILITIE	S		LMS: N/A
	Comprehensive	Plan Information			Project	Location	
CIE Project: Yes	51/A	Capital Improveme	nt:	District:			
LOS/Concurrency:	N/A	Project Need: N/A	Programm	Location:			
Programmod	Appropriated	Budgeted	Programm	Non-Appropria	tod Programme	CIP Funding	
Finding	Appropriated	EV 2022	EV 2022	EV 2024	EV 2025	EV 2026	Future Funding
1 369 950	769.9F0	FT 2022	FT 2023	PT 2024	FT 2025	PT 2020	ruture runuing
1,300,030	700,030	600,000	Project	Description	0	0	0
The project is in var modeling. The focus and Rockwell Avenu	ious locations of the s areas for Fiscal Ye ues, Renault Circle, I	City. Project location ar 2021 were S. Hart Meroni Boulevard, an	s to be determined sdale Street, Aldov d Ridgewood Drive	and prioritized based or in and Totem Avenues. a.	n results of fire flo The focus areas f	w and water quality d or Fiscal Year 2022 w	ynamic hydraulic vill be Lamplighter
To improve potable	water distribution ev	stom roliability, fire fly	Project	Rationale	duce the amount	of fluching pocoesan	to maintain water
quality. The project hydraulic modeling, is detrimental to the water quality and pr institutional/comment	is in various location Some existing potat overall system. Thre essure, and reduce rcial/industrial develo	s of the city. Project I oble piping exceeds 40 oughout the city, impr flushing. The communi- prents.	locations to be deter) years of age and to rovements are need nity, as a whole be	the scattered and prioritized b. the scattered design of w ded to replace old asbes nefits from these projects	ased on results o vater "distribution" tos cement lines, s since the water	fire flow and water q lines with many less increase system relia system supplies wate	uality dynamic than 6" diameter ibility and fire flow, or to
			Funding	g Strategy			
This project will be f	unded with Surtax a	nd Utilities Funds. Th	e City also receive ear 2022 project	d a grant from the SWFV	VMD for the Fisca	al Year 2021 project. 7	The City is
anticipated to receiv	e a grant nom own	WIND IOI the Liscal I	ear 2022 project.				
Expenditures To Da	te \$49,226						
A delition of a superior	line to the distributio	a anatam inhamata i	Operation E	Sudget Impact		a alaa da alaa daanaaa	
	Project	Image		ń.	Schedule o	of Activities	
	A Contractor		1. M. 1.	Project Activ	ities	From - To	Amount
FLU TO IN	OT Shing in P Mprove Y(CE ROGRESS DUR WATER	R	DESIGN/ENGINEERING	5 1(1()/2020 - 09/2021)/2020 - 09/2022	181.630 1.187.220
	JUAL				Total Budge	tary Cost Estimate:	1,368,850
Mor	th Port	Utilities	S		Means of	Financing	
	(III I UI C			Fur	ding Source		Amount
State Laboration				SURTAX	-		494.700
			J			_	8/4.150
Sec. 9 15 1	N. AND ST		and the		Total Prog	rammed Funding:	1,368,850
Actor Action (1)	CONTRACTOR OF THE OWNER		96.0	1	Future Fundi	ng Requirements:	0

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Project: U21WPI Title: Myakkahatche Category: Utilities - Water Systems Comprehensive P CIE Project: N/A Image: Comprehensive P CIE Project: N/A Image: Comprehensive P Programmed Appropriated To Date Funding 1,467,090 1,467,090 This project will implement improvements Fiscal Year 2021 and Fiscal Year 2022, to basin #2, and rehabilitation of the clearwer This project will be funded by Utilities fun Expenditures To Date \$71,745 The proposed improvements at the WTP budgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Imm	e Creek Water Treatment Plai Departme Capital Improvement: Project Need: N/A Budgeted FY 2022 FY 2 2,037,000	nt (MCWTP) Improvement ent: WATER & SEWER District: Location: trogrammed Funding Non-A 2023 FY 202	ents UTILITIES Pr	Status: Existing	CIP Project
Category: Utilities - Water Systems Comprehensive P CIE Project: N/A Comprehensive P LOS/Concurrency: N/A Programmed Funding Appropriated 3,504,090 1,467,090 This project will implement improvements Fiscal Year 2021 and Fiscal Year 2022, to basin #2, and rehabilitation of the clearwer This project will be funded by Utilities fun Expenditures To Date \$71,745 The proposed improvements at the WTP budgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Improvements	Departmention Capital Improvement: Project Need: N/A Budgeted FY 2022 FY 2 2,037,000	District: Location: rogrammed Funding Non-A 2023 FY 202	UTILITIES Pr	oject Location	LMS: N/A
Comprehensive P ClE Project: N/A Appropriated JOS/Concurrency: N/A To Date Programmed Appropriated Funding To Date 3,504,090 1,467,090 This project will implement improvements Fiscal Year 2021 and Fiscal Year 2022, to asin #2, and rehabilitation of the clearwer This project will be funded by Utilities funder Expenditures To Date \$71,745 The proposed improvements at the WTP pudgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Impact	lan Information Capital Improvement: Project Need: N/A P Budgeted FY 2022 FY 2 2,037,000	District: Location: trogrammed Funding Non-A 2023 FY 202	Pro Propriated Program	oject Location	
CIE Project: N/A OS/Concurrency: N/A Programmed Appropriated Funding To Date 3,504,090 1,467,090 This project will implement improvements Fiscal Year 2021 and Fiscal Year 2022, to basin #2, and rehabilitation of the clearwer This project will be funded by Utilities fundation Expenditures To Date \$71,745 The proposed improvements at the WTP budgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Implement	Capital Improvement: Project Need: N/A P Budgeted FY 2022 FY 2 2,037,000	District: Location: trogrammed Funding Non-A 2023 FY 202	\ppropriated Program		
OS/Concurrency: N/A Programmed Funding Appropriated To Date 3,504,090 1,467,090 This project will implement improvements Fiscal Year 2021 and Fiscal Year 2022, 1 project will implement improvements Fis project will implement improvements Fiscal Year 2021 and Fiscal Year 2022, 1 project will be funded by Utilities function Expenditures To Date \$71,745 The proposed improvements at the WTP progeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Implement	Project Need: N/A P Budgeted FY 2022 FY 2 2,037,000	Location: rogrammed Funding Non-A 2023 FY 202	\ppropriated Program		
Programmed Funding Appropriated To Date 3,504,090 1,467,090 This project will implement improvements iscal Year 2021 and Fiscal Year 2022, the sain #2, and rehabilitation of the clearwer This project will be funded by Utilities funded by Utilit	P Budgeted FY 2022 FY 2 2,037,000	rogrammed Funding Non-A 2023 FY 202	Appropriated Program		
Programmed Funding Appropriated To Date 3,504,090 1,467,090 This project will implement improvements fiscal Year 2021 and Fiscal Year 2022, to basin #2, and rehabilitation of the clearway this project will be funded by Utilities funded expenditures To Date \$71,745 The proposed improvements at the WTP studgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Imp	Budgeted FY 2022 FY 2 2,037,000	Non-4 2023 FY 202	Appropriated Program		
Funding To Date 3,504,090 1,467,090 This project will implement improvements This project will implement improvements Tis project will implement improvements Tis project will implement improvements Tis project will be funded by Utilities funded Expenditures To Date \$71,745 The proposed improvements at the WTP Judgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Implement	FY 2022 FY 2 2,037,000	2023 FY 202		nmed CIP Funding	
3,504,090 1,467,090 This project will implement improvements Finis project will implement improvements Finis project will implement improvements Finis project will be funded by Utilities fun Expenditures To Date \$71,745 The proposed improvements at the WTP sudgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Implements and the second Total Operating Budget Implements and the second The proposed improvements at the second Total Operating Budget Implements and the second The proposed implements at the second Total Operating Budget Implements and the second The proposed implements at the second The proposed implement at the second The proposed implement at the second The proposed implements at the second The proposed implement at the second The pr	2,037,000		4 FY 2025	FY 2026	Future Funding
his project will implement improvements fiscal Year 2021 and Fiscal Year 2022, t asin #2, and rehabilitation of the clearwo his project will be funded by Utilities fun expenditures To Date \$71,745 he proposed improvements at the WTP udgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Im		0	0	0	0
his project will implement improvements iscal Year 2021 and Fiscal Year 2022, t asin #2, and rehabilitation of the clearwo his project will be funded by Utilities fun xpenditures To Date \$71,745 he proposed improvements at the WTP udgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Im		Project Description			
his project will implement improvements iscal Year 2021 and Fiscal Year 2022, t asin #2, and rehabilitation of the clearwo his project will be funded by Utilities fun xpenditures To Date \$71,745 he proposed improvements at the WTP udgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Im	at the Myakkahatchee Creek	Water Treatment Plant	t (MCWTP).		
his project will implement improvements iscal Year 2021 and Fiscal Year 2022, t asin #2, and rehabilitation of the clearwo his project will be funded by Utilities fun xpenditures To Date \$71,745 he proposed improvements at the WTP udgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Im		Project Rationale			
isin #2, and rehabilitation of the clearwe is project will be funded by Utilities fun eproposed improvements at the WTP idgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Im	he WTP rehabilitation and upp	grades will include filter	improvements, rehabi	litation of the flash mixe	r, rehabilitation of flo
his project will be funded by Utilities fun xpenditures To Date \$71,745 he proposed improvements at the WTP udgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Im	ells and pump rooms.				
nis project will be funded by Utilities fun expenditures To Date \$71,745 ne proposed improvements at the WTP udgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Im		Funding Strategy			
xpenditures To Date \$71,745 ne proposed improvements at the WTP udgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Im	ds.				
he proposed improvements at the WTP udgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Im					
he proposed improvements at the WTP udgeted in Fiscal Year 2023. Impact Descriptio Operating Expenditures Total Operating Budget Im					
Operating Expenditures Total Operating Budget Im					
Operating Expenditures Total Operating Budget Im	n FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Total Operating Budget Im	0	1,130	1,130	1,130	1,130
	pacts 0	1,130	1,130	1,130	1,130
Project				1 1 / 4 - 1 1.1	
	Image		Schee	ule of Activities	
	Image	Pro	Schee ject Activities	From - To	Amount
A CONTRACT OF A CONTRACT OF A CONTRACT OF	Image	DESIGN/ENG	Schee Ject Activities SINEERING	From - To 10/2020 - 09/2022	Amount 384.66

	Project Activities	From - To	Amount
	DESIGN/ENGINEERING	10/2020 - 09/2022	384,660
	CONSTRUCTION	10/2020 - 09/2022	3.119.430
	Total Mu	Budgetary Cost Estimate:	3,504,090
	LITUITY REVENUE FUND	ice	2 504 000
	Tot	al Programmed Funding:	3,504,090
	Future	e Funding Requirements:	0
GovMax		10/	5/2021 8:40:49 AM

			CIP Det	ail Sheets			
Project: U22WDI	Title: Water Distribut	ion System Improver	ments		-	Status: Existing CII	P Program
Category: Utilities -	Water Systems	I	Department: WAT	FER & SEWER UTILITIES	S		LMS:
	Comprehensive P	lan Information			Project L	ocation	
CIE Project: Yes		Capital Improvemen	nt:	District:			
LOS/Concurrency:		Project Need:		Location:			
	In a set to re-the router in the set		Programn	ned Funding			
Programmed	Appropriated	Budgeted		Non-Appropriat	ed Programmed	CIP Funding	
Funding	To Date	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Funding
486,880	0	112,360	374,520	0 0	0	0	0
The project is in vari modeling. Design fo Avenue, and Tripoli	ious locations of the 0 r the following areas Street.	City. Project locations is anticipated to take	Project E s to be determined place in Fiscal Ye	Description I and prioritized based on ear 2022 with construction	results of fire flow to follow: Cunliffe	and water quality of Road, Peake Stree	dynamic hydraulic et, Morandi
To improve potable quality. The project i hydraulic modeling. is detrimental to the water quality and pro- institutional/common	water distribution sys is in various locations Some existing potabl overall system. Throo essure, and reduce fl	tem reliability, fire flo of the city. Project lo e piping exceeds 40 ughout the city, impro- ushing. The commun uponts	w, water quality ar ocations to be deter years of age and to ovements are need ity, as a whole be	nd pressure as well as re- ermined and prioritized ba- the scattered design of w ded to replace old asbest nefits from these projects	duce the amount of ased on results of ater "distribution" os cement lines, in a since the water s	of flushing necessar fire flow and water of lines with many less ncrease system reli ystem supplies wat	y to maintain water quality dynamic s than 6" diameter ability and fire flow, er to
Institutional/commen	cial/industrial develop	menta.	Funding	n Strategy			
This project will be f	unded with Surtax an	d Utilities Funds. Util	ities anticipates ar	oplying for a grant throug	h the Southwest F	lorida Water Manad	ement District
(SWFWMD).							•manuel2569304 Store 1/27/27932561
Expanditures To De	to \$0						
Experiatures to Da	ις φυ		Operation	Rudget Impact			
	Project	Image			Schedule of	Activities	
				Project Activi	tion	From - To	Amount
				DESIGN/ENGINEERING	10, 10,	2021 - 09/2022 2022 - 09/2023	112.360 374.520
			- Shake	_	Total Budgeta	ary Cost Estimate:	486,880
a long Th			RE		Means of F	inancing	
Second - M				Fun	ding Source		Amount
				SURTAX UTILITY REVENUE FUNC)		340.610 146.270
					Total Progra	ammed Funding:	486,880
					Future Fundin	g Requirements:	0

	P Detail Sheets		
Project: U22WIS Title: Raw Water Intake Structure Rehabilitation		Status: New Reque	est
Category: Utilities - Water Systems Department	nt: WATER & SEWER UTILITIES		LMS:
Comprehensive Plan Information		Project Location	
CIE Project: Yes Capital Improvement:	District:		
LOS/Concurrency: Project Need:	Location:		
Pro	ogrammed Funding		
Programmed Appropriated Budgeted	Non-Appropriated	Programmed CIP Funding	
Funding To Date FY 2022 FY 20	23 FY 2024	FY 2025 FY 2026	Future Funding
1,000,000 0 1,000,000	0 0	0 0	0
Pakabilitation of the secondary intellection of the Musicketsbard	roject Description		
Renabilitation of the raw water intake structures on the Myakkanatchee	Project Patienala		
The intake structures on the Myakkahatchee Creek were constructed in structures are deteriorating which may compromise the ability to withdra intake structure is significantly newer and only limited work is anticipated 2021 but has not commenced.	approximately 1964 and 1974. The w water from the Myakkahatchee C d on that structure. An evaluation of Funding Strategy	screens, sluice gates and other po reek for production purposes. The all three structures is being perform	ortions of the Cocoplum Water ned in Fiscal Year
Expanditures To Date \$0			
	ration Budget Impact		
capability and new water sources would need to be found.	,		
Project Image		Schedule of Activities	
	Project Activitie	s From - To	
	DESIGN/ENGINEERING	10/2021 - 09/2022	Amount
		10/2021 00/2022	Amount 200.000
	CONSTRUCTION	10/2021 - 09/2022 Total Budgetary Cost Estimate:	Amount 200.000 800.000
	CONSTRUCTION	10/2021 - 09/2022 Total Budgetary Cost Estimate: Means of Financing	Amount 200.000 800.000
	Fundi	10/2021 - 09/2022 Total Budgetary Cost Estimate: Means of Financing	Amount 200.000 800.000 1,000,000
	CONSTRUCTION Fundin UTILITY REVENUE FUND	10/2021 - 09/2022 Total Budgetary Cost Estimate: Means of Financing	Amount 200.000 800.000 1,000,000 Amount 1.000.000
	CONSTRUCTION	10/2021 - 09/2022 Total Budgetary Cost Estimate: Means of Financing Ing Source	Amount 200.000 800.000 1,000,000 Amount 1.000.000
	CONSTRUCTION	10/2021 - 09/2022 Total Budgetary Cost Estimate: Means of Financing Ing Source	Amount 200.000 800.000 1,000,000 Amount 1.000.000
	CONSTRUCTION	10/2021 - 09/2022 Total Budgetary Cost Estimate: Means of Financing Ing Source Total Programmed Funding: Future Funding Requirements:	Amount 200.000 800.000 1,000,000 Amount 1.000.000

		CIP Deta	ail Sheets			
Title: Water Transi	nission Oversizing	141			Status: Existing CIP	Program
- Water Systems	1	Department: WAT	ER & SEWER UTILIT	IES		LMS: N/A
Comprehensive	Plan Information			Pro	ject Location	
	Capital Improvement	nt:	District:			
/: N/A	Project Need: N/A	Programm	Location:			ΰ.
Appropriated	Budgeted	riogramm	Non-Appropr	iated Program	med CIP Funding	
To Date	EV 2022	EV 2023	EV 2024	EV 2025	EV 2026	Future Funding
no bute	50.000	11 2025	0	TTEVES	0 0	nuture running
0	50,000	Project D	escription		0	0
of oversizing water m	ains in various location	ns throughout the C	City due to developme	nt.		
of project are unknow	n at this time. As deve	Project elopers install the n	Rationale ecessary mains to se	rve the develop	ment, the city will oversize	e these lines if
ture growin/connectiv	Capacity Ecos	Funding	Strategy			
ate \$0	Capacity rees.					
		Operation B	udget Impact			
Projec	t Image		Project Act	Sched	ule of Activities From - To 10/2021 - 09/2022	Amount 50.000
Projec	t Image		Project Ac CONSTRUCTION	Sched tivities Total Bu Mean	ule of Activities <u>From - To</u> 10/2021 - 09/2022 10/2021 - 09/2022 indgetary Cost Estimate:	Amount 50.000 50,000
Projec	t Image		Project Act CONSTRUCTION	Schedi tivities Total Bu Mean unding Source	ule of Activities From - To 10/2021 - 09/2022 10/2021 - 09/2022 sof Financing	Amount 50.000 50,000 50,000 Amount
Project	t Image		Project Ac CONSTRUCTION	Sched tivities Total Bu Mean unding Source E FUND	ule of Activities From - To 10/2021 - 09/2022	Amount 50.000 50,000 50,000 Amount 50.000
	y: N/A Appropriated To Date 0 of oversizing water m of project are unknow uture growth/connecti ce funded with Water bate \$0 ct is expected at this	y: N/A Project Need: N/A Appropriated To Date Budgeted FY 2022 0 0 of oversizing water mains in various locatio of project are unknown at this time. As deverture growth/connections. be funded with Water Capacity Fees. bate \$0	Y: N/A Project Need: N/A Appropriated Budgeted To Date FY 2022 0 0 50,000 0 0 50,000 0 Project D 0 Fry 2023 0 50,000 0 Project D 0 Project D 0 Fry 2023 0 S0,000 0 Project D 0 Project I 0 Froject I 0 Froject I 0 Froject I 0 Project I 0	y: N/A Project Need: N/A Location: Programmed Funding Appropriated Budgeted Non-Appropriated FY 2022 FY 2023 FY 2024 0 0 50,000 0 0 0 Project Description of oversizing water mains in various locations throughout the City due to developmed Project Rationale of project are unknown at this time. As developers install the necessary mains to seruture growth/connections. Funding Strategy be funded with Water Capacity Fees. Date \$0 Operation Budget Impact ict is expected at this time.	Y: N/A Project Need: N/A Location: Project Need: N/A Location: Appropriated Budgeted Non-Appropriated Program To Date FY 2022 FY 2023 FY 2024 FY 2025 0 0 0 0 0 0 Project Description of oversizing water mains in various locations throughout the City due to development. Project Rationale of project are unknown at this time. As developers install the necessary mains to serve the develop rure growth/connections. Funding Strategy De funded with Water Capacity Fees. Details of project at this time. Operation Budget Impact (ct is expected at this time.	y: N/A Project Need: N/A Location: Programmed Funding Appropriated Budgeted Non-Appropriated Programmed CIP Funding To Date FY 2022 FY 2023 FY 2024 FY 2025 FY 2026 0 0 50,000 0 0 0 0 0 0 0 Project Description of oversizing water mains in various locations throughout the City due to development. Project Rationale of project are unknown at this time. As developers install the necessary mains to serve the development, the city will oversize iture growth/connections. Funding Strategy 2 funded with Water Capacity Fees. Date \$0 Operation Budget Impact ct is expected at this time.





			CIP D	etail Sheets					
Project: U23WSP	Title: Sludge Press						Status: Existin	g CIP Project	
Category: Utilities -	Water Systems		Department: W	ATER & SEWE	R UTILITIES			LMS: N/	A
	Comprehensive F	Plan Information				Proj	ect Location		
CIE Project: N/A	NUA	Capital Improvement	nt:	District:					
LOS/Concurrency:	N/A	Project Need: N/A	Drogram	Location:					-
Programmod	Appropriated	Rudgeted	Program	Mon	Appropriate	d Program	nod CIP Funding		_
Frogrammed	Appropriated	Ex 2022	EV 2022	TV0/	Appropriati	EV 2025	neu Cir runnung	Frederica	Frendling
Funding	To Date	FT 2022	FT 2023	FT 20	24	FT 2025	FT 2020	Future	Funding
3,000,000	U	0	3,000,0	000	0		0	0	0
This project is for th	e construction of a sl	udae press	Projec	t Description					
	e construction of a si	uuge press.	Proje	ct Rationale					
completely dry and overcapacity and sli on the wastewater t the use of ponds for This project will be f Expenditures To Da A sludge press will ponds and hauling, from the WWTP wh	must be removed fro Jdge is sent to the Ci- reatment process an- drying and the nece unded by Utilities fur te \$0 have electrical, chem which are already inc en the WTP is dischar-	m the pond and stora ty's wastewater treat d increases the cost to ssary diversion of slu ids. ical (polymer) and ha cluded in the budget. trging sludge. The ov	ge adjacent to t ment plant wher of dewatering ar idge to the wast Fund Operation auling costs. The The cost to the reall operating to	he pond to com e it goes throug d hauling the w ewater treatmer ing Strategy n Budget Impare e current proces wastewater pro- pudget impact s	plete the dry h the entire t astewater tre it plant.	ing process. treatment pro- eatment plan associated w ult to calculat titvely minor.	This process leads occess. The sludge h t sludge. The sludge ith the removal of th e but significant add Additional chemica	to the ponds has deleterious e press will eli ne sludge from ditional sludge I and power b	the the the the the the the the the the
hauling and eliminal	tion of transfers to the	e WTP. Operational e	expenditures are	anticipated to t	e budgeted	in Fiscal Yea	ar 2024.		
	Impact Descriptio	n	FY 2022	FY 2023	FY 20	024	FY 2025	FY 2026	
Operat	ing Expenditures	<u>8</u>	0	0	15,0	000	15,050	15,100	
Total C	perating Budget In	pacts	0	0	15,0	000	15,050	15,100	
	Project	Image				Schedu	le of Activities		
	Martin			De	oloct Activit	loc	From . To	A.m.	ount
				DESIGN/EN CONSTRUC	GINEERING		10/2022 - 09/2023 10/2022 - 09/2023	3	500.000 2.500.000
V.			PLAN .			Total Bud Means	dgetary Cost Estima	ate:	3,000,000
1 Par	72 1 20 11	PT	N		Fund	ling Source		Am	ount
1 29	4 2 81 1	1 3 3	24	UTILITY REV	ENUE FUND				3.000.000
	60 <u>6</u> P					Total P	rogrammed Fundir	ng:	3,000,000
						Future Fu	nding Requiremen	ts:	C
				1		Future Fu	nung kequiremen	its:	0

			CIP Det	ail Sheets			
Project: U25WTI	Title: Water Treata	oility Implementation				Status: New Re	quest
Category: Utilities	- Water Systems		Department: WAT	ER & SEWER U	ITILITIES		LMS:
	Comprehensive	Plan Information		D' L' L		Project Location	
LOS/Concurrency	<i>r</i>	Capital Improveme	nt:	District:			
Los/concurrency		Project Need.	Programn	ned Funding			
Programmed	Appropriated	Budgeted		Non-Ap	propriated Proa	rammed CIP Fundina	
Funding	To Date	FY 2022	FY 2023	FY 2024	FY 20	25 FY 2026	Future Funding
1.000.000	0 0	0	(0	0 1.000.0	000000
Myakkahatchee W	ater Treatment Plant	improvements to prov	Project D vide treatment capa	Description ability of Myakkal	hatchee Creek w	ater during periods of high	1 total dissolved solids
(TDS).			Project	Pationalo			
The implementatio of the plant has ver produce water usin This project will be	n of this project will a ry limited capability to ig the Creek in lieu of funded by Utilities Fu	low the plant to treat treat for TDS. Using the much higher TDS inds.	more water from th the combination of S wells. Funding	e Myakkahatche the surface wate Strategy	ee Creek during p er plant and the r	veriods of high TDS. The s everse osmosis plant wou	urface water portion Id allow the system to
Expenditures To D	ate \$0						
The study is not us	t complete : baueres	the elternetives inclu	Operation B	ludget Impact	non which will re-	ulico additional acusates	anata The suppl
	Project	Image			Sc	hedule of Activities	
				Proje	ct Activities	From - To	Amount
						10,2023 807,2020	
			100		Tota	Budgetary Cost Estimat	te: 1,000,000
			1000		M	eans of Financing	
1	A CAR	and the second	100		Funding So	urce	Amount
2							
					То	tal Programmed Funding	g: 1,000,000
					Futu	e Funding Requirement	s: 0

			CIP Det	ail Sheets			
Project: U26PAC	Title: Water Plant P	owder Activated Carl	bon System			Status: New Reque	st
Category: Utilities -	Water Systems		Department: WAT	FER & SEWER UTILITIE	S		LMS:
	Comprehensive F	Plan Information		D	Proje	ct Location	
LOS/Concurrency:		Capital Improveme	nt:	District:			
Looroondarreney.		rioject need.	Program	ned Funding			
Programmed	Appropriated	Budgeted		Non-Appropria	ted Programn	ned CIP Funding	_
Funding	To Date	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Funding
370,000	0	0		0 0		0 370,000	0
		ः	Project I	Description		- Si	
The demolition and	replacement of the c	urrent powder activa	ted carbon system				
The current structure ways to mix and inje efficiency.	e that contains the po ect the powder activa	owder activated carb ted carbon into the w	on has deteriorated	d to a point where replace cess as well, which will u	cement is neces update the plan	ssary. There are new an t process and provide m	d more efficient nore control and
This sector will be f	and a discussion of the	-	Funding	g Strategy			
I his project will be to	unded by Utilities Fu	nd.					
Expenditures To Da	te \$0						
			Operation B	Budget Impact			
	Project	Image		l Province A data	Schedul	e of Activities	
				CONSTRUCTION		10/2025 - 09/2026	370.000
					Total Bud	getary Cost Estimate:	370,000
	and the		I R HI THERE		Means	of Financing	
And in case of the local division of the loc	A Date		E La Color	Fu	nding Source	or mancing	Amount
	A DE ST			UTILITY REVENUE FUN	D		370.000
					Total De		270.000
					Total Pr	ogrammed Funding:	370,000
				1	Future Fur	iding Requirements:	0

Project UVBR The: Water Ployting Description: Status: Existing CP Program Comprovements: District: Project Ion Project Ion Disconcurrency: IVA Project Red: IVA Location: Project Ion Programmed Appropriated Budgeted Prozonamed CP Funding Project Red: IVA Programmed Appropriated Budgeted Prozonamed CP Funding Prozonamed CP Funding Replace: Disconcurrency: IVA Project Red: IVA Location: Disconcurrency: IVA Project Red: IVA Replacement of old steel water Interion bridges Prozonamed CP Funding Prozonamed CP Funding Prozonamed CP Funding Replacement of old steel water Interion bridges Project Antibiotics Disconcurrency: IVA Disconcurrency: IVA Replacement of old steel water Interion bridges Disconcurrency: IVA Project Antibiotics Disconcurrency: Inter Section Intervices Inte				CIP Deta	il Sheets			
Category: Ultimizer Cluster LLMS: NA Comprehendors Plan Information District: Project Location DisConcurrency: NA Project Media: Non-Appropriated Programmed CIP Funding Programmed Appropriated Budgeted Prozect P	Project: UWBR	Title: Water Pipelin	e Bridge Replacement	ts		Sta	atus: Existing CI	P Program
Comprehends Plan Information Project Including Diff Project Including Project Including Project Including Programmed Appropriated Budgeted Prozect Provide Prozect Provide 90000 0 0 0 150.000 177.0000 177.0000 0 Replacement of old sheel watter lines on bridges. Project Including Project Including 177.0000 177.0000 0 0 Replacement of old sheel watter lines on bridges. Project Including Project Including 100.000 177.0000 177.0000 0 0 In ongrouse the potential value induction in the City. Replacement of apped water fines on bridges is planned, with additional ones in the future. Old steel water lines on bridges there reading and the server city. Project Including Project Includin	Category: Utilities -	Water Systems	0	Department: WATE	R & SEWER UTILITIES			LMS: N/A
Clip Project Yes District: District: Programmed Appropriated Budgeted Programmed Funding: Protocol P		Comprehensive	Plan Information			Project Loc	ation	
Construction Construction Programmed Appropriated Budgeted Programmed CP Funding Programmed To Date Description Programmed CP Funding A00.000 0 0 0 0 Programmed CP Funding A00.000 0 0 0 Description Programmed CP Funding Replacement of old steel water lines on bridges Project Businget Project Businget 0 The propriated steel water fullow on bridges is planned, with additional ones in the fullow. Oil steel water lines on bridges is planned, with additional ones in the fullow. Oil steel water lines on bridge is planned, with additional ones in the fullow. Oil steel water lines on bridge is planned and of their service line and propriated steel water lines on bridge is planned. With additional ones were ware and leads are unable to be topped at this time resulting in urbitled water loss. The programmed of bit steel water intervent potential catastrophic failure and semegency repairs, which will be more coolly than current planned replacements. Replacement of these pipelines will prevent potential catastrophic failure and semegency repairs, which will be more coolly than current planned replacements. Construction 10/2024 - 09/2025 340.000 Matter Source Amount DESIGNUMONINGENSENS Construction <	CIE Project: Yes	NI/A	Capital Improvemen	it:	District:			
Programmed funding Project	LOS/Concurrency.	N/A	Project Need. N/A	Programme	d Funding			
Funding To Date PY 2021 PY 2023 PY 2024 PY 2025 PY 2026 Puture Funding Replacement 01 old stell water lines on bridges. Inscription 100,000 170,000 170,000 170,000 0 Tempore the potent water lines on bridges in parked. Stell water lines on bridges in avance, with additional ones in the future. Old stell water lines on bridges have reached end of their service life and pipe destronation and leaks are unable to be stopped at this time resulting in unbilled water loss. Time the bridges is planed, with additional ones in the future. Old stell water lines on bridges have reached end of their service life and pipe destronation and leaks are unable to be stopped at this time resulting in unbilled water loss. The program will be funded by Surtax lunds. Funding Strategy Replacement of these pipelines will prevent potential catastrophic falure and emergency repairs, which will be more costly than current planed replacements. Strate Time on these pipelines will prevent potential catastrophic falure and emergency repairs, which will be more costly than current planed replacements. DESIGN/NONINEENING 10/2023 - 09/2024 150,000 OSTRUCTION 10/2023 - 09/2026 340,000 Means of Financing 490,000 Means of Financing 490,000 Means of Financing 490,000 <t< td=""><td>Programmed</td><td>Appropriated</td><td>Budgeted</td><td>rrogramme</td><td>Non-Appropriate</td><td>d Proarammed CII</td><td>P Fundina</td><td></td></t<>	Programmed	Appropriated	Budgeted	rrogramme	Non-Appropriate	d Proarammed CII	P Fundina	
ABULGO C O O TS0,000 T70,000	Funding	To Date	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Funding
Project Description Project Pescription To improve the potable water distribution system reliability to the residents of the City. The project is in various locations in the City. Replacement of aged water lines on three bridges is planned, with additional ones in the future. Old steel water lines on bridges have reached end of their arrows life and pipe deterioration and leaks are on pipe bonds that cannot be ready repaired. Some very small likes are on pipe bonds that cannot be ready repaired. Some very small likes are on pipe bonds that cannot be ready repaired. Some very small likes are on pipe bonds that cannot be ready repaired. Some very small likes are on pipe bonds that cannot be ready repaired. This program will be funded by Surtax funds. Operation Budget Impact Replacement of these pipelines will prevent potential catastrophic future and emergency repairs, which will be more costly than current planned replacements. Project Image Project Activities Project Image From - To Amount DESIGN/KINONREEING DIS/REVENTION 10/2023 - 09/2024 10/2023 - 09/2026 340.000 Means of Financing 490.000 Means of Financing 490.000 Means of Financing 490.000 Means of Financing 490.000 Funding Source Amount SURTAX 490.000 <td>490.000</td> <td>0</td> <td>0</td> <td>0</td> <td>150.000</td> <td>170.000</td> <td>170.000</td> <td>0</td>	490.000	0	0	0	150.000	170.000	170.000	0
Project Pationale Project Pationale To improve the potable water distribution system relability to the residents of the City. The project is in various locations in the City. Replacement of aged water ines on the dispess have reached and of their service finding base and page deterioration mane leaks are on pipe bends that cannot be readily repared. Some way small leaks are unable to be stopped at this time resulting in un-billed water loss. Finding Strategy This program will be funded by Suntax funds. Operation Budget Inpact Operation Budget Inpact Replacement of these pipelines will prevent potential catastrophic failure and emergency repairs, which will be more costly than current planned replacements. Replacement of these pipelines will prevent potential catastrophic failure and emergency repairs, which will be more costly than current planned replacements. Replacement of these pipelines will prevent potential catastrophic failure and emergency repairs, which will be more costly than current planned replacements. Replacement of these pipelines will prevent potential catastrophic failure and emergency repairs, which will be more costly than current planned replacements. Replacement of these pipelines will prevent potential catastrophic failure and emergency repairs, which will be more costly than current planned replacements. Replacement of these pipelines will prevent potential catastrophic failure and emergency repairs, which will be more costly than current planned replacements. Replacement of these pipelines will pre		_		Project De	escription			
Project Rationale Project Rationale To improve the potable water distribution system reliability to the residue of the City. The project is in various locations in the City. Replacement of aged water intere bridges is planned, with additional ones in the luture. Old steel water intere so bridges have reached at this time resulting in un-billed water loss. This program will be funded by Surtax funds. Funding Structsy This program will be funded by Surtax funds. Optraction Bidget Impact Replacement of these pipelines will prevent potential catastrophic failure and emergency repairs, which will be more costly than current planned replacements. Project Attivities Amount Distribution System reliability to the residue of Activities Amount Distribution System reliability to the reliable of the State of the Stat	Replacement of old	steel water lines on	bridges.					
Project Image Schedule of Activities Replacement of these pipelines will prevent potential catastrophic failure and emergency repairs, which will be more costly than current planned replacements. Project Image Schedule of Activities Project Image Project Activities Project Activities From - To Amount 10/2024 - 09/2026 DESIGN/ENGINEERING 10/2024 - 09/2026 10/2024 - 09/2026 340.000 Means of Financing 490,000 Funding Source 490,000 Total Budgetary Cost Estimate: 490,000 Markat 490,000 Total Programmed Funding: 490,000 Total Programmed Funding: 490,000	To improve the potal lines on three bridge and leaks are on pip	ble water distribution s is planned, with an e bends that cannot	n system reliability to t dditional ones in the fu t be readily repaired. S	he residents of the iture. Old steel wate Some very small lea Funding	City. The project is in va er lines on bridges have r ks are unable to be stop Strategy	rious locations in th eached end of their bed at this time resu	e City. Replacer service life and ulting in un-billed	nent of aged water pipe deterioration I water loss.
Project Image Schedule of Activities Project Image Schedule of Activities Project Image Project Activities Project Image Project Activities DESIGN/ENGINEERING 10/2023 - 09/2024 ONSTRUCTION 10/2024 - 09/2026 340.000 Means of Financing Means of Financing Amount SURTAX 490.000 Total Programmed Funding: 490.000 Total Programmed Funding: 490.000 Total Programmed Funding: 490.000	This program will be	funded by Surtax fu	unds.	o				
Project Image Schedule of Activities Project Activities From - To Amount DESIGN/ENGINEERING 10/2023 - 09/2026 340.000 CONSTRUCTION 10/2024 - 09/2026 340.000 Means of Financing 490,000 SURTAX 490.000 Total Programmed Funding: 490,000 Funders 490,000 Means of Financing 490,000 SURTAX 490,000								
Design/EncircleRing From - To Amount Design/EncircleRing 10/2023 - 09/2024 150.000 CONSTRUCTION 10/2024 - 09/2026 340.000 Total Budgetary Cost Estimate: 490,000 Means of Financing Amount SURTAX 490,000 Funding Source Amount SURTAX 490,000 Total Programmed Funding: 490,000 Future Funding Requirements: 0 Output 0		Project	timage			Schedule of A	cuvities	
Deside/EndingEnding 10/2023 - 09/2026 340.000 CONSTRUCTION 10/2024 - 09/2026 340.000 Total Budgetary Cost Estimate: 490,000 Means of Financing 490,000 SURTAX 490,000 Total Programmed Funding: 490,000 Total Programmed Funding: 490,000 Total Programmed Funding: 490,000					Project Activit		From - To	Amount
Total Budgetary Cost Estimate: 490,000 Means of Financing Amount SURTAX 490,000 Total Programmed Funding: 490,000 Funding Requirements: 0			N		CONSTRUCTION	10/20	24 - 09/2026	340.000
Means of Financing Funding Source Amount SURTAX 490.000 Total Programmed Funding: 490,000 Funding Requirements: 0		N				Total Budgetary	Cost Estimate:	490,000
Funding Source Amount SURTAX 490.000 Total Programmed Funding: 490,000 Funding Requirements: 0	* *	1 Juick	an the second	and I want		Means of Fin	ancing	
SURTAX 490.000 Total Programmed Funding: 490,000 Future Funding Requirements: 0	13 2	Roma Martin	Date - A Ca	State State State	Fund	ing Source		Amount
Total Programmed Funding: 490,000 Future Funding Requirements: 0		and the second		C. Alexandre	SURTAX			490.000
Total Programmed Funding: 490,000 Future Funding Requirements: 0			<u> </u>					
Future Funding Requirements: 0						Total Program	-	490.000
						Future Funding	Requirements:	450,000
	Contraction			1		. and randing i	qui emento.	0/5 (2021 6 10 50 11

			CIP Det	tail Sheets			
Project: UWDI	Title: Water Distribu	tion System Improve	ments		Sta	atus: Existing CI	P Program
Category: Utilities -	Water Systems		Department: WA	TER & SEWER UTILITIES			LMS: N/A
	Comprehensive F	Plan Information			Project Loc	ation	
CIE Project: Yes	Vee	Capital Improvement	nt:	District:			
LUS/Concurrency:	res	Project Need: N/A	Program	Location:			
Programmed	Appropriated	Budgeted	riogram	Non-Appropriate	d Programmed Cl	P Fundina	
Funding	To Date	EV 2022	EV 2022	EV 2024	EV 2025	EV 2026	Euture Eupling
1 264 420	TO Date	FT 2022	127.20	0 295 420	265 500	276 200	
1,204,430	0	0	Project	Description	365,500	376,300	U
The project is in vari modeling.	ous locations of the	City. Project location:	s to be determined	d and prioritized based on i	esults of fire flow a	nd water quality	dynamic hydraulic
			Project	Rationale			
To improve potable quality. Some existin to the overall system and pressure, and re institutional/commer	water distribution sys ng potable piping exc n. Throughout the city educe flushing. The c cial/industrial develo	stem reliability, fire flo ceeds 40 years of age y, improvements are community, as a who pments.	ow, water quality a e and the scattere needed to replace le benefits from th	Ind pressure as well as red d design of water "distribut e old asbestos cement lines rese projects since the wate	uce the amount of f ion" lines with many s, increase system r er system supplies	flushing necessa / less than 6" dia reliability and fire water to	ry to maintain water meter is detrimental flow, water quality
			Fundin	g Strategy			
This program will be	funded with Surtax a	and Utilities funds.					
	Project	Image			Schedule of A	ctivities	
Ser out	Market Market	A ANTANA A AT		Project Activit	ies	From - To	Amount
				DESIGN/ENGINEERING CONSTRUCTION	10/20 10/20	022 - 09/2024 022 - 09/2026	343.670 920.760
AN COLOR					Total Budgetary	Cost Estimate:	1,264,430
Sec. 24		1 State	- GUNG-		Moons of Fin	ancina	- 22
The T		- SA- A-	- Alaska	Frind	ing Source	ancing	Amount
A PARTY SE				SURTAX	ing source		1 170 490
				UTILITY REVENUE FUND			93.940
					Total Program	- med Funding:	1,264,430
					Future Funding	Requirements:	0
GovMax						1	0/5/2021 8:40:51 AM

Black & Veatch April 2022

			CIP Det	ail Sheets			
Project: UWTO	Title: Water Transn	nission Oversizing			St	atus: Existing Cl	P Program
Category: Utilities -	Water Systems	, in the second s	Department: WAT	ER & SEWER UTILITIES		<u> </u>	LMS: N/A
	Comprehensive	Plan Information		-	Project Loc	ation	
CIE Project: Yes		Capital Improveme	nt:	District:			
LOS/Concurrency:	N/A	Project Need: N/A		Location:			
Desmanned	Annuantistad	Budmeted	Programn	ned Funding	ad Draganammad Cl	D Funding	
Programmed	Appropriated	Budgeted	F14 2022	Non-Appropriate	ea Programmea Ci	P Funding	
Funding	To Date	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Funding
200,000	0	0	50,000	50,000	50,000	50,000	0 0
Construction cost of	aversizing water m	aine in verieve lesstie	Project L	Description			
Construction cost of	oversizing water ma	ains in various locatio	ons throughout the	Dity due to development.			
Specific locations of	project are unknow	n at this time. As dev	elopers install the r	necessary mains to serve	the development, the	ne city will oversi	ze these lines if
	are growin connection	nis.	Funding	g Strategy			
This program will be	funded with Water	Capacity Fees.					
No operating image	is expected at the	imo	Operation B	udget Impact			
	Project	Image			Schedule of A	ctivities	
				Project Activit	tios	From . To	Amount
				CONSTRUCTION	10/20	09/2026	200.000
	15				Total Budgetary	y Cost Estimate:	200,000
and the second	SI	POR A	State Con		Means of Fin	ancing	Amount
		SHEDLY'S		WATER CAPACITY FFF F	UND		200.000
					Total Program	nmed Funding.	200,000
Call Barris	A	Martin Barris			Future Funding	Requirements:	0
				1		qui cincito.	0

Project: Status: Existing CIP Project Congreduencies Congreduencies Department: Main Status: Main Status: Main Status: Main Status: Existing CIP Project Congreduencies Congreduencies District: Project Main Status: Existing CIP Project Congreduencies Project District: Project Main Status: Existing CIP Project Congreduencies Project District: Project Main Status: Existing CIP Project Congreduencies Project Project Project Project Project Congreduencies Project Project Project Project Project Table project Is adapted Project Project Project Project Table project Is adapted Project Project Project Project Table project Is adapted Project Project<				CIP Deta	ail Sheets		
Category Utilities - Watewater Systems Department: WATER & SEVENU UTILITES LMS: NA CCIngrelentsky: NA Capital Improvement: District: Project Location DiSC Gonzervery: NA Project Medits: NA Location: Project Medits: NA DiSC Gonzervery: NA Project Medits: NA Location: Project Medits: NA DiSC Gonzervery: NA Project Medits: NA District: Project Medits: NA DiSC Gonzervery: NA Project Medits: NA District: Project Medits: NA DiSC Gonzerversy: NA Project Medits: NA District: Project Medits: NA District: District: District: District: District: The project Is deaded by Surtax and APPA Funds.	Project: U20WES	Title: Neighborhood	i Water/Wastewater L	ine Extensions-Su	mter Blvd.	Status: Existing C	CIP Project
Comprehensive Plan Information Project Location CDP Orgen: VA Capital Improvement: District: LOS Concurrency: NA Project KNA Location: Programmed Appropriated Budgeted Non-Appropriated Programmed CIP Funding Runding To Date Budgeted Non-Appropriated Programmed CIP Funding 13,902.13 3.126.651 813.680 0	Category: Utilities -	Wastewater System	IS	Department: WAT	ER & SEWER UTILITIES	the second se	LMS: N/A
Citcle Project: NA Capital Improvement: District: DisSiGnourmery: INA Project Medit NA Location: Programmed Appropriated Budgeted Non-Appropriated Programmed CIP Funding Yours and the state of the		Comprehensive	Plan Information			Project Location	
Description Programmed Running Appropriated Programmed Xuelling Description Network Programmed CIP Funding Processing Programmed Sub3031 3.126.651 813.660 0	CIE Project: N/A	N1/A	Capital Improvement	nt:	District:		
Programmed running Appropriated To Date Budgeted P12022 Proof 20 P12023 Proof 20 P12025 Pr	LOS/Concurrency:	N/A	Project Need: N/A	Drogramm	Location:		
Project manage Prizes Prizes <th< td=""><td>Programmed</td><td>Appropriated</td><td>Budgeted</td><td>Programm</td><td>Non-Appropriate</td><td>d Programmed CIP Funding</td><td></td></th<>	Programmed	Appropriated	Budgeted	Programm	Non-Appropriate	d Programmed CIP Funding	
Proce Proce <th< td=""><td>Funding</td><td>Appropriated</td><td>EV 2022</td><td>EV 2022</td><td>EX 2024</td><td>EV 202E EV 2026</td><td>Future Funding</td></th<>	Funding	Appropriated	EV 2022	EV 2022	EX 2024	EV 202E EV 2026	Future Funding
Project Calculation Operation Operation Operation This project is to extend waterviowastewater to the commercial areas at the 17-52-conter indexchange. This project is to extend waterviowastewater to readershi to an Sonte of Hancard Avenue to Kalish Avenue. This will also serve the commercial areas at the 17-52-conter indexchange. Funding Strategy This project is order waterviewaster to readershi to an Sonte of Hancard Avenue to Kalish Avenue. This will also serve the commercial areas at the 17-52-conter indexchange. Funding Strategy This project is order waterviewaster to readershi to an Sonte of Hancard Avenue to Kalish Avenue. This will also serve the commercial areas at the 17-52-conter index and APPA Funds. Funding Strategy Expenditures To Date \$120,630 Operation Budget Impact Addition of new openine to the distribution system inherenny increases operation costs over time. However, improvements should also decrease operations costs by improving water quality in the system. Amount Distribution Project Activities From - To Amount Distribution Toztal Programmed Funding: 3,940,33 Wears of Financing Size of Financing 3,126,65 UILTY REVENUE FUND Bitsde Bitsde 3,240,33 Total Programmed Funding: 3,940,33 Total Programmed Funding: 3,940,33	2 040 221	2 126 6F1	PT 2022	FT 2023	PT 2024	PT 2023 PT 2020	o ruture runding
This project is to extend water/watervalue to the commercial areas at the 1245-Smith remanage. Project Extends The project is to extend water/water to regidents in the areas on Suffiel Exclosed to commercial areas at the 1-75/Sumfer informange. Funding Strategy The project is to due by Suftax and ARPA Funds. Expenditures To Date \$120,630 Perzition Budget Impact Addition of new pipeline to the distribution system inherently increases operation costs over time. However, improvements should also decrease operations costs by improving water quality in the system. Project image Project image Project image Project image Project image Project image Project image Project image Project Activities Total Budgetary Cost Extimate: 3,940,33 Names of Financios Funding Source Anneut SURTAX 3,126,65 UILITY REVENUE FUND SurtAX 3,126,65 SURTAX Total Programmed Funding: 3,940,33 Future Funding Requirements: 0,940,33 Future Funding Requirements: 0,940,33 Future Funding Requirements: 0,940,33 Future Funding Source 1,040,040 Total Programmed Funding: 3,940,33 Future Funding Requirements: 0,940,33 Future Funding Requiremen	5,940,551	5,120,051	015,000	Project D	lescription	0	0
Project Strutomed in the areas on Sumfer Boulevard from South of Hanaard Avenue to Kalish Avenue. This will also serve the commercial areas at the 1-75 Sumfer Interchange. Funding Strategy This project is funded by Surtax and ARPA Funds. Expeditures To Date \$120.630 Operation Budget Impact Addition of ever pipeline to the distribution system interently increases operation costs over time. However, improvements should also decrease operations costs by improving water quality in the system. Project Activities Total Budgetary Cost Estimate: 3,940,33 Means of Financing Means of Financing Surtar Funding	This project is to ext	end water/wastewat	er to the commercial	areas at the I-75/S	umter interchange.		
This project is to extend waterwater to residents in the areas on Sumter Boulevard from South of Hansard Avenue to Kalish Avenue. This will also serve the commercial areas at the 17-SSumer intervance. The will also serve the commercial areas at the 17-SSumer intervance. The will also serve the commercial areas at the 17-SSumer intervance. The will also serve the commercial area at the 17-SSumer intervance. The will also serve the commercial area at the 17-SSumer intervance. The will also serve the commercial area at the 17-SSumer intervance intervance. The will also serve the commercial area of the commercial area at the 17-SSumer intervance intervance intervance. The will also serve the commercial area at the 17-SSumer intervance interva				Project	Rationale		
This project is funded by Surtax and ARPA Funds. Expenditures To Date \$120,630 Perstion Budget Impact Addition of new pipeline to the distribution system inherently increases operation costs over time. However, improvements should also decrease operations costs by improving water quality in the system. Project Image Project Image Project Image Project Image Project Activities Project Activitie	This project is to ext the commercial area	end water/wastewat is at the I-75/Sumter	er to residents in the r interchange.	areas on Sumter B	oulevard from South of Ha	Insard Avenue to Kalish Avenue.	This will also serve
Project Image Schedule of Activities Project Activities Total Budgetary Cost Estimate: SURTAX Total Programmed Funding: SURTAX Total Programmed Funding: Total Programmed Funding: Total Programmed Funding: Total Programmed Funding: 3.940.33 <tr< td=""><td>This project is funde</td><td>d by Surtay and AD</td><td></td><td>Funding</td><td>Strategy</td><td></td><td></td></tr<>	This project is funde	d by Surtay and AD		Funding	Strategy		
Expenditures To Date §120,830 Operation Budget Impact Addition of new pipeline to the distribution system inherently increases operation costs over time. However, improvements should also decrease operations costs by improving water quality in the system. Schedule of Activities Project Image Schedule of Activities Project Martines From - To Amount DESIGN/ENGINEERING 10/2021 - 09/2022 3.76178 CONSTRUCTION 10/2021 - 09/2022 3.76178 Total Budgetary Cost Estimate: 3.940,33 SURTAX UTILITY REVENUE FUND 813.66 Total Programmed Funding: 3.940,33 Total Programmed Funding: 3.940,33	This project is funde	o by Surtax and An	FA Funds.				
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Project Activities From - To Amount DESIGN/ENGINEERING 10/2019 - 09/2021 178.54 CONSTRUCTION 10/2021 - 09/2022 3.761.78 Total Budgetary Cost Estimate: 3.940.33 Means of Financing 3.126.65 SURTAX 3.126.65 UTILITY REVENUE FUND 813.69 Total Programmed Funding: 3.940.33 Future Funding Requirements: 3.940.33		Project	innage			Schedule of Activities	
Desidivervalues in 10/2019 - 09/2021 178.94 CONSTRUCTION 10/2021 - 09/2022 3.761.78 Total Budgetary Cost Estimate: 3.940,33 Means of Financing 3.126.65 SURTAX 3.126.65 UTILITY REVENUE FUND 813.68 Total Programmed Funding: 3.940,33 Future Funding Requirements: 3.940,33		and the second second			Project Activit	es From - To	Amount
Total Budgetary Cost Estimate: 3,940,33 Means of Financing Amount SURTAX 3.126.65 UTILITY REVENUE FUND 813.68 Total Programmed Funding: 3,940,33 Future Funding Requirements: 3,940,33				JCT TTEESATE	CONSTRUCTION	10/2021 - 09/2022	3.761.783
Means of Financing Funding Source Amount SURTAX 3.126.65 UTILITY REVENUE FUND 813.68 Total Programmed Funding: 3,940,33 Future Funding Requirements: 0	S Phillips	Market and a second				Total Budgetary Cost Estimate	3,940,331
Funding Source Amount SURTAX 3.126.65 UTILITY REVENUE FUND 813.68 Total Programmed Funding: 3,940,33 Future Funding Requirements: 3,940,33	- week and -					Means of Financing	a construction
SURTAX UTILITY REVENUE FUND Total Programmed Funding: 3,940,33 Future Funding Requirements:		- /-	Contraction of the second		Fund	ing Source	Amount
UTILITY REVENUE FUND 813.68 Total Programmed Funding: 3,940,33 Future Funding Requirements:		//		E Bartin	SURTAX		3.126.651
Total Programmed Funding: 3,940,33 Future Funding Requirements:		/ /	The second second	San Barris	UTILITY REVENUE FUND		813.680
Total Programmed Funding: 3,940,33 Future Funding Requirements:							
Total Programmed Funding: 3,940,33 Future Funding Requirements:						Table Designed and the second	
Future Funding Requirements:						Total Programmed Funding:	3,940,331
					1	ruture runding Requirements:	0

Project: U21TWE			CIP Deta	ail Sheets			
FIDJECL DZITWE	Title: Neighborhood	Water/Wastewater Line	Extensions - To	oledo Blade Blvd	St	atus: Existing C	IP Project
Category: Utilities	Wastewater System	s Dep	partment: WATE	ER & SEWER UTILITIE	6		LMS:
	Comprehensive F	Plan Information		District	Project Loc	ation	
LOS/Concurrency		Project Need:		District:			
203/Concurrency		Project Need.	Programm	ed Funding			
Programmed	Appropriated	Budgeted	rrogramm	Non-Appropria	ed Proarammed Cl	P Fundina	
Funding	To Date	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future Funding
3.573.143	173.143	3.400.000	0	0	0		0
			Project D	escription		~	-
This project is to ex	tend water/wastewate	er to the commercial are	as at the I-75/To	oledo Blade Blvd. interch	ange.		
To unlock the deve deemed necessary	opment potential at to	he interchange to increas	Project F se one-time dev	Rationale elopment revenue, annu	al tax revenue and r	new job creation	n, infrastructure is
This project is funde	ed by ARPA Funds.		Funding	Strategy			
Expenditures To Da	ate \$0						
enough demand, th	ere could potentially i	be operating impacts tro	m the expense o	of flushed water and pot	ential additional mair	itenance on par	ts and equipment.
	Project	Image			Schedule of A	ctivities	
CHILP CAL	Project	lmage	10 AC	Project Activ	Schedule of A ties	ctivities From - To	Amount
	Project	Image		Project Activi DESIGN/ENGINEERING CONSTRUCTION	Schedule of A ties 10/20 10/20	ctivities From - To 121 - 09/2022 21 - 09/2023	. <u>Amount</u> 173.143 3.400.000
	Project	Image		Project Activ DESIGN/ENGINEERING CONSTRUCTION	Schedule of A ties 10/20 10/20 Total Budgetary	ctivities From - To 21 - 09/2022 21 - 09/2023	Amount 173.14 3.400.000
	Project	Image		Project Activi DESIGN/ENGINEERING CONSTRUCTION	Schedule of A ties 10/20 10/20 Total Budgetary Means of Fin	ctivities From - To 121 - 09/2022 121 - 09/2023 v Cost Estimate	. <u>Amount</u> 173.14 3.400.00 :: 3,573,14
	Project	Image		Project Activi DESIGN/ENGINEERING CONSTRUCTION	Schedule of A ties 10/20 10/20 Total Budgetary Means of Fin ding Source	ctivities From - To 121 - 09/2022 121 - 09/2023 7 Cost Estimate ancing	
	Project	Image		Project Activi DESIGN/ENGINEERING CONSTRUCTION	Schedule of A ties 10/20 10/20 Total Budgetary Means of Fin ding Source	ctivities From - To 121 - 09/2022 121 - 09/2023 121 - 09/2023 121 - 09/2023	. <u>Amount</u> 173.14. 3.400.00 : 3,573,14: <u>Amount</u> 3.573.14:
	Project	Image		Project Activi DESIGN/ENGINEERING CONSTRUCTION Fun UTILITY REVENUE FUNE	Schedule of A ties 10/20 10/20 10/20 Total Budgetary Means of Fin ding Source	ctivities From - To 121 - 09/2022 21 - 09/2023 7 Cost Estimate ancing	Amount 173.14. 3.400.000 3.573.14: Amount 3.573.14: 3.573.14:
	Project	Image		Project Activi DESIGN/ENGINEERING CONSTRUCTION UTILITY REVENUE FUND	Schedule of A ties 10/20 10/20 Total Budgetary Means of Fin ding Source	ctivities From - To 221 - 09/2022 221 - 09/2023 y Cost Estimate ancing	Amount 173.14. 3.400.000 3.573.14: Amount 3.573.14: 3.573.155555555555555555555555

			CIP Detail	Sheets			
Project: U19NEP	Title: Neighborhood	Water/Wastewater Lir	ne Extensions		S	tatus: Existing CIF	P Project
Category: Utilities -	Wastewater Systems	s D	epartment: WATER	R & SEWER UTILITIE	S		LMS: N/A
	Comprehensive P	lan Information			Project Lo	cation	
CIE Project: N/A	NI/A	Capital Improvement		District:			
LOS/Concurrency:	N/A	Project Need: N/A	Programme	d Funding			
Programmed	Appropriated	Budgeted	rrogrammet	Non-Appropriat	ted Proarammed C	IP Fundina	
Funding	To Date	EV 2022	EV 2023	EV 2024	EV 2025	EV 2026	Future Funding
7 496 309	846 709	1 277 700	1 303 300	1 329 400	1 356 000	1 383 200	, utare ranning
1,450,505	040,705	1,211,100	Project Des	scription	1,556,666	1,505,200	
This project is to ext	end water/wastewate	er to residents through	out the City in a me	thodical, economical n	nanner to maximize	efficiency and mir	nimize cost.
Giffels & Webster de phase of the project as a revolving fund f	eveloped a master pla in the Blue Ridge-Sa or future expansions d by Surtax.	an including maps for Iford North area. As c	a phased expansion ustomers connect, p Funding S	Aronale a. Commission reache bayments toward the li trategy	d a consensus to m ine extension could	ove forward with d go back to the Sur	lesign for the first rtax fund, serving
Fuene ditures To Det	by Sultax.						
Expenditures To Dat	e\$341,935						
Ϋ́υ	5265 Ø2						
MUNICIPAL	Project	Image	STER DI AN	Project Activi	Schedule of <i>i</i>	Activities From - To	Amount
	Project WATER & SEWER	Image R PROPOSED MA:	STER PLAN OPTIPOPT	Project Activi DESIGN/ENGINEERING CONSTRUCTION	Schedule of J ities	Activities From - To 2018 - 09/2022 2018 - 09/2026	Amount 846.709 6.649.600
	Project WATER & SEWER	Image R PROPOSED MA:	STER PLAN OPENPOPE	Project Activi DESIGN/ENGINEERING CONSTRUCTION	Schedule of J ities	Activities From - To 2018 - 09/2022 2018 - 09/2026	Amount 846,705 6.649,600
	Project WATER & SEWER	Image R PROPOSED MA:	STERIPLAN OPENPOPE	Project Activi DESIGN/ENGINEERING CONSTRUCTION	Schedule of J ities	Activities From - To 2018 - 09/2022 2018 - 09/2026	Amount 846,705 6.649.600 7,496,305
	Project WATER & SEWER	Image R PROPOSED MA:	STERIPLAN OPENPOPE	Project Activi DESIGN/ENGINEERING CONSTRUCTION	Schedule of J ities	Activities From - To 2018 - 09/2022 2018 - 09/2026 Try Cost Estimate: nancing	Amount 846,705 6.649.600 7,496,305
	Project WATER & SEWER	Image R PROPOSED MA:	STER PLAN OPENPORT	Project Activi DESIGN/ENGINEERING CONSTRUCTION ECONSTRUCTION	Schedule of J ities ; 10/2 10/2 Total Budgetar Means of Fin iding Source	Activities From - To 2018 - 09/2022 2018 - 09/2026 Try Cost Estimate: nancing	Amount 846,709 6.649,600 7,496,309 Amount 7,496,309
	Project WATER & SEWER	Image R PROPOSED MA:	STER PLAN OPENPORT	Project Activi DESIGN/ENGINEERING CONSTRUCTION	Schedule of J ities	Activities From - To 2018 - 09/2022 2018 - 09/2026 ry Cost Estimate: nancing	Amount 846.705 6.649.600 7,496,305 Amount 7.496.305
	Project	Image R PROPOSED MA:	STER PLAN OPENPORT	Project Activi DESIGN/ENGINEERING CONSTRUCTION	Schedule of J ities	Activities From - To 2018 - 09/2022 2018 - 09/2026 ry Cost Estimate: nancing	Amount 846.705 6.649.600 7,496,305 Amount 7.496.305
	Project	Image R PROPOSED MA:	STER PLAN OPENPORT	Project Activi DESIGN/ENGINEERING CONSTRUCTION URTAX	Schedule of J ities	Activities From - To 2018 - 09/2022 2018 - 09/2026 ry Cost Estimate: nancing mmed Funding:	Amount 846.705 6.649.600 7,496,305 Amount 7.496.305