

ORDINANCE NO. 2023-47

AN ORDINANCE OF THE CITY OF VENICE, FLORIDA, AMENDING THE 2017-2027 COMPREHENSIVE PLAN PURSUANT TO PETITION NO. 23-57CP TO INCORPORATE THE 2022-2035 CITY OF VENICE WATER SUPPLY WORK PLAN BY REFERENCE AND INCLUDE IT IN THE ASSOCIATED DATA, INVENTORY AND ANALYSIS (DIA); PROVIDING FOR REPEAL OF ALL ORDINANCES IN CONFLICT HERewith TO THE EXTENT OF SUCH CONFLICT; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE

WHEREAS, the Community Planning Act, Sections 163.3161 through 163.32466, Florida Statutes (“Act”) authorizes and requires the City of Venice to adopt and amend a comprehensive plan in accordance with the Act; and

WHEREAS, Section 163.3177(6)(c)4., Florida Statutes, requires the City to update its water supply work plan every 5 years within 18 months after the water management district approves an updated regional water supply plan and the City must make corresponding updates to its Comprehensive Plan; and

WHEREAS, City-initiated Petition No. 23-57CP requests that the 2017-2027 Comprehensive Plan be amended to reference the 2022-2035 City of Venice Water Supply Work Plan and include the plan in the associated Data, Inventory and Analysis (DIA); and

WHEREAS, Chapter 87 of the City Code of Ordinances designates the City of Venice Planning Commission as the local planning agency; and

WHEREAS, the City of Venice Planning Commission held a duly noticed public hearing on October 3, 2023, to review the proposed comprehensive plan amendment, and recommended that city council approve Petition No. 23-57CP; and

WHEREAS, on November 28, 2023, the City Council, after due public notice, held a public hearing on Petition No. 23-57CP and approved, on first reading, the transmittal of the comprehensive plan amendment to the Department of Economic Opportunity, as the state land planning agency, for review; and

WHEREAS, no reviewing agency has identified any adverse impacts to important state resources and facilities within their authorized scope of review if the comprehensive plan amendment is adopted; and

WHEREAS, on February 13, 2024, the Venice City Council, after due public notice, held a second public hearing on Petition No. 23-57CP and determined it complies with the requirements of the Act.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF VENICE, FLORIDA:

SECTION 1. The above whereas clauses are ratified and confirmed as true and correct.

SECTION 2. Strategies OS 1.12.9, IN 1.2.3, IN 1.2.6, IN 1.3.1, IN 1.4.9, and 1.4.11 of the City of Venice Comprehensive Plan 2017-2027 are hereby amended to reference the 2022-2035 City of Venice Water Supply Work Plan and the Data, Inventory and Analysis (DIA) is hereby amended to include the 2022-2035 City of Venice Water Supply Work Plan. The revised Comprehensive Plan pages are attached hereto as Exhibit "A" and incorporated herein by reference. The 2022-2035 Water Supply Work Plan to be included in the DIA is attached hereto as Exhibit "B" and incorporated herein by reference.

SECTION 3. All Ordinances or parts of Ordinances in conflict herewith shall be and the same are hereby repealed to the extent of the conflict.

SECTION 4. If any part, section, subsection, or other portion of this ordinance or any application thereof to any person or circumstance is declared void, unconstitutional, or invalid for any reason, such part, section, subsection, or other portion, or the prescribed application thereof, shall be severable, and the remaining provisions of this ordinance, and all applications thereof not having been declared void, unconstitutional, or invalid, shall remain in full force and effect.

SECTION 5. The effective date of this plan amendment, if the amendment is not timely challenged, shall be 31 days after adoption. If timely challenged, this amendment shall become effective on the date the state land planning agency or the Administration Commission enters a final order determining this adopted amendment to be in compliance.

PASSED BY THE CITY COUNCIL OF THE CITY OF VENICE, FLORIDA THIS 13TH DAY OF JANUARY 2024.

First Reading: November 28, 2023

Second Reading: February 13, 2024

ADOPTION: February 13, 2024

Nick Pachota, Mayor

ATTEST:

Kelly Michaels, MMC, City Clerk

I, Kelly Michaels, MMC, City Clerk of the City of Venice, Florida, a municipal corporation in Sarasota County, Florida, do hereby certify that the foregoing is a full and complete, true and correct copy of an Ordinance duly adopted by the City of Venice Council, a meeting thereof duly convened and held on the 13th day of February 2024, a quorum being present.

WITNESS my hand and the official seal of said City this 13th day of February, 2024.

Kelly Michaels, MMC, City Clerk

Approved as to form:

Kelly Fernandez, City Attorney

3. Outfall maintenance
4. Acquisition of potential sites for public coastal and waterfront access
5. Marine facilities

Strategy OS 1.12.7 - Myakka River Coordination

The City will participate as a member of the Myakka River Management Coordinating Council to address issues related to the Myakka River Area, per the Myakka River Wild and Scenic Designation and Preservation Act, Section 258.501, F.S.

Strategy OS 1.12.8 - Air Quality

The City shall support all local, state, and federal efforts to maintain a comprehensive air quality **monitoring and analysis program including the U.S. Conference of Mayor's Climate Protection Agreement and Florida's Energy and Climate Change Action Plan.**

Strategy OS 1.12.9 - Emergency Water Conservation

The City shall continue to implement emergency water conservation practices in accordance with the SWFWMD. Such directives include the implementation of water management plans and emergency conservation including those identified within the City of Venice Water Supply Work Plan, Prepared By: Kimley-Horn and Associates, Inc., ~~May 2019~~ March 2023.

Strategy OS 1.12.10 - Estuarine Environment

The City shall continue to coordinate with the local, regional, state, and federal entities for the protection of the estuarine environment and water quality.

Strategy OS 1.12.11 - National Estuary Program Partnerships

The City will continue to coordinate with the Sarasota Bay National Estuary Program and the Charlotte Harbor National Estuary Program on the development and implementation of regional environmental water policies and programs.

Strategy OS 1.12.12 - Boating Use Coordination

The City will continue to coordinate the boating use of Venice's waterways with local, regional, state, and federal entities. Issues to be addressed include:

1. Implementation of navigational systems
2. Maintenance and enforcement of manatee protection zones
3. Enforcement of no wake areas
4. Public safety and boating laws

Strategy OS 1.12.13 - Red Tide Mitigation

The City shall coordinate with local, regional, and State organizations to reduce red tide impacts on coastal communities. Such organizations include Sarasota County, the Florida Department of Health, and other public and private agencies.

Strategy OS 1.12.14 - JPA/ILSBA Planning Areas.

The City shall continue to review and implement the environmental standards set forth in the Joint Planning and Interlocal Service Boundary Agreement (JPA/ILSBA) between the City of Venice and Sarasota County.



Strategy IN 1.1.3 - Facility and Property Inventory

The City shall maintain an inventory of all public facilities and properties to ensure that structures are safe, well maintained, and optimally utilized. The inventory will be used to accomplish the following tasks:

- A. Plan future facility and property improvements
- B. Identify opportunities for co-location and shared use public and private programs and facilities
- C. Generate revenues from extra-curricular facility uses
- D. Ensure facilities are accessible to all community members
- E. Annual capital improvement schedule and budgeting programs

Strategy IN 1.1.4 - Resource and Energy Efficient Practices

The City will support and encourage the use of conservation and energy efficient practices including the use of renewable energy sources for the maintenance and operation of public facilities and properties to reduce costs and lead by example in the development of buildings and community facilities.

Utility Services

Intent IN 1.2 - Utility Services and Development Coordination

The City shall ensure that utility service expansion is coordinated with development to ensure capacity adequate to serve projected future growth.

Strategy IN 1.2.1 - Utility Services - Defined

The City's utility services include potable water, reclaimed water, waste water, stormwater management, and solid waste. Utility services may be provided by the City of Venice, Sarasota County, or combination of both.

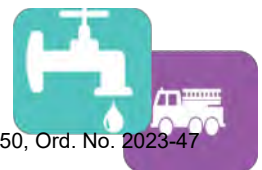
Strategy IN 1.2.2 - Maintenance of Facilities

The City shall rehabilitate and maintain in good condition existing public utility facilities to accommodate infill and to allow for the most efficient use of existing infrastructure.

Strategy IN 1.2.3 - Development Expansions

The City shall require through the Land Development Code and development review processes connection and maintenance to City utility services in accordance with the following criteria:

1. Size of development, types of structures, and land uses
2. Proximity and location (Coastal High Hazard Area) to existing infrastructure
3. Available capacity
4. Demand of future development projects
5. Consistency with applicable master plans (i.e., stormwater master plan, ~~2019~~ **2022-2035** City of Venice Water Supply Work Plan provided by reference herein and included in the Infrastructure DIA)
6. Development agreements such and the JPA/ILSBA that may be in effect
7. Coordination with private utility services such as cable, power, and telecommunications
8. Annexation



Strategy IN 1.2.4 - Water and Sanitary Sewer Installation

The City shall require that water and sanitary sewer lines installed by property owners are constructed along the entire adjacent right-of-way or through the entire property as appropriate to permit further extension to adjacent properties.

Strategy IN 1.2.5 - Infrastructure Utilization

The City shall maximize existing public utility infrastructure systems by encouraging infill development and redevelopment of established service areas.

Strategy IN 1.2.6 - Utility Master Plans

The City shall update or develop utility master plans based on an overall infrastructure prioritization schedule to ensure consistency with partner agency plans and reflect best industry practices. The **City's utility master plans shall include the following and be updated according** to Florida Statutes:

1. Water Supply Master Plan (*City of Venice Water Supply Work Plan, Prepared By: Kimley-Horn and Associates, Inc. ~~May 2019~~ March 2023*)
2. Wastewater and Reclaimed Water Master Plan

The City should pursue the development of a Stormwater Master Plan.

Strategy IN 1.2.7 - Utility Inventory

In conjunction with the development of the utility master plans, the City shall develop and maintain stormwater, reclaimed water, potable water, and wastewater service inventories to identify and address potential deficiencies in capacity. The City may use this information in the development of the annual Capital Improvements Plan and implementing Capital Improvements Schedule (CIS). The inventory shall include:

1. Current capacity
2. Existing usage
3. All future committed capacity based upon approved site and development plans
4. Potential service area needs

Level of Service

Intent IN 1.3 - Level of Service

The City shall maintain an adequate level of service (LOS) **for each of the city's public** infrastructure.

Strategy IN 1.3.1 - Level of Service Standards

The City shall ensure that the City's utilities and appropriate public infrastructure are properly maintained by meeting the following levels of service concurrently with development:

1. Potable Water - 90 gallons per capita per day based on average annual flow and a Peak maximum day flow of 135 per capita per day.
 - a. This LOS standard was adopted as part of the *City of Venice Water Supply Work Plan, Prepared By: Kimley-Horn and Associates, Inc. ~~May 2019~~ March 2023*.



and surface water bodies. Specific programs that require regional water coordination include, but are not limited to:

1. Wellhead Protection Program
2. Potable wells
3. 2015 Regional Water Supply Plan (RSWP)
4. Myakka River Comprehensive Watershed Management Plan
5. Myakka Wild and Scenic River Management Plan
6. Charlotte Harbor Surface Water Improvement and Management (SWIM) Plan
7. Watershed Management Program (WMP) Plans

Strategy IN 1.4.5 - Private Wells and Septic Systems

The City shall require connection to the City utilities for all private wells and septic systems, upon service availability.

Strategy IN 1.4.6 - Reclaimed Water Utilization

The City shall utilize the Land Development Review Code and review process to encourage development projects to increase the need for reclaimed water capacity and to use reclaimed water for irrigation where supplies are available. Areas that will be addressed include:

1. Golf courses
2. Public and private common areas and greenspace
3. Roadway medians
4. Landscaped areas in parks and other public properties
5. Residential irrigation in all new proposed development areas

Strategy IN 1.4.7 - Potable Water Conservation

The City shall maximize water efficiency by supporting FGBC and/or LEED criteria and SWFWMD programs such as the Water Conservation Hotel and Motel Program (Water CHAMP), the Water Program for Restaurant Outreach (Water Pro) and the Florida Water Star program.

Strategy IN 1.4.8 - Water Shortage.

The City shall abide by **SWFWMD's** emergency water shortage plan, and when necessary, the City may implement more restrictive water conservation measures, as may be required to protect and maintain the potable water utility system.

Strategy IN 1.4.9 - 10-Year Water Supply Facilities Work Plan.

The City will coordinate with SWFWMD and amend the Comprehensive Plan to incorporate any required updates to the 10-Year Water Supply Facilities Work Plan within eighteen months after an update to the Regional Water Supply Plan is approved by SWFWMD. The City has prepared and adopted the *City of Venice Water Supply Work Plan, Prepared By: Kimley-Horn and Associates, Inc., ~~May 2019~~ March 2023* as required.

Strategy IN 1.4.10 - Waste Recycling

The City will continue to improve recycling efforts to protect natural resources and extend the life of the landfill by:

1. Educating the public about recyclable materials



2. Completing assessments of commercial waste products to help with reduction of solid waste costs
3. Coordinating disposal of residential household hazardous waste with Sarasota County
4. Participating in Project Green Sweep for businesses to dispose of small quantities of hazardous waste, computers, and rechargeable batteries
5. Promoting Green Business Partnership, a Sarasota County program assisting businesses to be environmentally responsible
6. Identifying new recyclable materials and practices

Strategy IN 1.4.11 - Public Conservation Efforts

The City shall utilize the City of Venice Water Conservation Plan, ~~2019~~ **2022-2035** City of Venice Water Supply Work Plan, and other plans, including this Comprehensive Plan, to encourage public conservation efforts by providing:

1. Public Education Efforts
 - a. Reducing, reusing, and recycling waste products
 - b. Utilizing energy saving and water efficient fixtures
 - c. Utilizing reclaimed wastewater for irrigation
 - d. Minimizing irrigation, fertilization, and pest control needs using native, drought tolerant, and Florida-friendly landscaping materials and planting techniques
 - e. Using products with recycled components and packaging
2. Water and energy conservation school presentations and contests
3. Recycling and water conservation programs
4. Public incentives for reducing, recycling, and reusing natural resources and waste products
5. Information on reducing waste and minimizing energy use
6. Incentives for water conservation

Strategy IN 1.4.12 - Solid Waste Disposal Facility

The City shall coordinate with Sarasota County to evaluate the interlocal agreement regarding the use of the Sarasota Central County Solid Waste Disposal Complex to ensure adequate solid waste disposal capacity beyond 2025.

Strategy IN 1.4.13 - Hazardous Waste

The City shall protect the environment against the harmful impacts of hazardous waste by:

1. Monitoring the sources of waste within the City
2. Enforcing local, regional, state, and federal regulations and restrictions
3. Educating the public about proper waste disposal practices

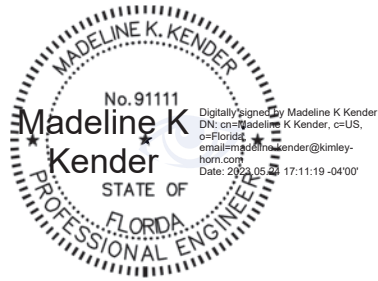
Capital Improvements

Vision IN 2 – To provide for the highly effective development, operation and maintenance of services and **facilities, matching the City's** needs with its financial and operational resources.





City of Venice Water Supply Work Plan (2022-2035)



Prepared for:

The City of Venice Utilities Department
Sarasota County, Florida

Prepared by:

Kimley-Horn and Associates, Inc.

048395024
March 2023
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TABLE OF CONTENTS

EXECUTIVE SUMMARY5

INTRODUCTION6

 STATUTORY REQUIREMENTS6

DATA AND ANALYSIS7

 WATER USE PERMIT INFORMATION8

 EXISTING WATER FACILITIES8

 WATER SYSTEM INTERCONNECTIONS13

REGIONAL WATER SUPPLY PLANNING14

 SOUTHWEST FLORIDA14

 PILOT STUDY14

 SARASOTA COUNTY15

 OTHER WATER PARTNERS15

LEVEL OF SERVICE AND CONCURRENCY MANAGEMENT16

 POPULATION ANALYSIS16

 POTABLE WATER PROJECTIONS24

CAPITAL IMPROVEMENTS26

GOALS, OBJECTIVES AND POLICIES28

 LAND USE28

 OPEN SPACE28

 INFRASTRUCTURE30

SUMMARY34

LIST OF FIGURES

FIGURE 1 - CITY OF VENICE SERVICE AREA AND WATER INFRASTRUCTURE.....	7
FIGURE 2 - AERIAL IMAGE OF THE CITY OF VENICE WTP	10
FIGURE 3 - MEMBRANE FEED PUMP	11
FIGURE 4 - RO MEMBRANE SKID	11
FIGURE 5 - PROJECTION PROJECTIONS AND GROWTH SCENARIO COMPARISON	23

LIST OF TABLES

TABLE 1 - INTERMEDIATE AQUIFER BRACKISH SUPPLY WELLS	9
TABLE 2 - SUMMARY OF DISTRIBUTION SYSTEM PIPING	13
TABLE 3 - SUPPLY AND PROJECTED DEMANDS	14
TABLE 4 - HISTORIC PERMANENT POPULATION (BEBR).....	16
TABLE 5 – BEBR YEAR-OVER-YEAR GROWTH, CALCULATED	16
TABLE 6 - GROWTH SCENARIOS	17
TABLE 7 - SARASOTA COUNTY	20
TABLE 8 - VENICE, CITY LIMITS.....	20
TABLE 9 - VENICE, CITY LIMITS, MODIFIED-MED.....	21
TABLE 10 - VENICE, CITY LIMITS, MODIFIED-HIGH.....	21
TABLE 11 – SWFWMD, PARCEL-LEVEL DATA	22
TABLE 12 - GROWTH SCENARIO AND PERMANENT POPULATION PROJECTION COMPARISON	22
TABLE 13 - POPULATION PROJECTIONS SUMMARY.....	24
TABLE 14 - POTABLE WATER DEMAND PROJECTIONS	24
TABLE 15 - 2023, 5-YEAR CAPITAL IMPROVEMENTS PROJECTS.....	27

EXHIBIT A: MAPS AND FIGURES

- Figure A.1: Production Wells
- Figure A.2: Water Distribution System
- Figure A.3: Joint Planning Areas
- Figure A.4: Future Land use

APPENDICES

- Appendix A: Water Use Permit
- Appendix B: Joint Planning and Interlocal Service Boundary Agreement
- Appendix C: Capital Improvements Projects

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EXECUTIVE SUMMARY

In 2005, the Florida Legislature adopted the Florida Water Resources Act. This legislation amended the water supply planning requirements for all jurisdictions. The legislation requires local governments to adopt an updated Water Supply Work Plan (WSP) within 18 months of the adoption of the Regional Water Supply Plan prepared by the water management districts. The purpose of the WSP is to assess the projected water demands and their potential water sources and facilities. The goal of the WSP is to establish future water demands and potential water sources to assist the Southwest Florida Water Management District (SWFWMD) in creating a framework for the future water management decisions in the District. The City of Venice's (City) WSP has been prepared in accordance with Section 163.3177 F.S.

The City's potable system consists of 15 water supply wells. The well's brackish water is pumped from the Intermediate Aquifer System (IAS) to the reverse osmosis (RO) water treatment plant (WTP). After treatment, the City distributes water to users through over 188 miles of potable water mains. In 2021, the City provided nearly 880 million gallons of potable water to its customers.

This document includes capital improvement plan (CIP) projects necessary to ensure that the projected demand for water can be met over the planning period. CIP projects, such as water main replacements and RO membrane second-stage recovery project, help ensure adequate water supply to customers. Key conservation issues are addressed through leak detection programs and meter replacements. The expansion of the reclaimed water distribution system and construction of the Aquifer Storage and Recovery Well (ASR) will offset demand for potable water and help conserve potable water supply sources.

The City has been coordinating with regional and local agencies to meet the goals of this Work Plan. At a regional level, the City works in partnership with SWFWMD for permitting, planning, and reporting. The City provides water to the majority of its residents and to Sarasota County residents within the limits of areas identified in the Joint Planning and Interlocal Service Boundary Agreement. Additionally, the City has two existing emergency water interconnects and one future interconnect with the County so that water can be exchanged between the systems in a time of emergency.

Based on the data and subsequent analysis defined within this WSP, the projected average day water demands will be met within the 10-year planning period. The City will continue to operate within the terms identified in the 2020 SWFWMD Water Use Permit for the next 5 years. Improvements to the RO system are needed to accommodate the projected 2030 peak month demands and remain within the permitted withdrawal limits.

INTRODUCTION

The purpose of the City of Venice's (City's) Water Supply Work Plan (WSP) is to ensure adequate water supply for the City's future population. This WSP has been prepared in accordance with Chapter 163, Part II, Florida Statutes (F.S.). The F.S. states that local governments must develop a WSP to assess their water supply sources and facilities necessary to meet existing and projected water use demands for a minimum planning period of 10 years; this WSP addresses demands and supply for years 2022-2032.

STATUTORY REQUIREMENTS

The City is required by Florida Statutes to adopt a Water Supply Work Plan that complies with the following Florida regulations for water supply and facility planning as outlined adjacent to each regulation:

1. Section 163.3177(3)(a)4, F.S.: Revise the Capital Improvements Element to identify capital improvements projects to be implemented in the first 5 years of the work plan for which the local government is responsible. This includes both publicly and privately funded water supply projects necessary to achieve and maintain adopted level of service standards; and adopt a 5-year schedule of capital improvements to include those projects as either funded or unfunded, and if unfunded, given a level of priority for funding.
2. Section 163.3177(4)(a), F.S.: Coordinate aspects of the comprehensive plan with the appropriate management district's regional water supply plan and adjacent utilities.
3. Section 163.3177(6)(c), F.S.: Adopt a water supply facilities work plan covering at least a 10-year planning period to meet existing and projected demand. The work plan should address those water supply facilities for which the local government has responsibility and include the facilities needed to develop alternative water supplies. The work plan should also identify conservation and reuse measures to meet future needs.
4. Section 163.3177(6)(d)3, F.S.: Assess current and projected water needs and sources for at least a 10-year planning period. The analysis must consider the existing levels of water conservation, use, and protection and the applicable policies of the water management district, and the district's approved regional water supply plan. In the absence of an approved regional water supply plan, the analysis must consider the district's approved water management plan.
5. Section 163.3177(6)(h)1, F.S.: Adopt principles and guidelines to be used to coordinate the comprehensive plan with the regional water supply authority (if applicable) and with the applicable regional water supply plan.
6. Section 163.3191(1) and (2), F.S.: During the Evaluation and Appraisal review, determine if comprehensive plan amendments are necessary to reflect statutory changes related to water supply and facilities planning since the last update to the comprehensive plan. If necessary, transmit the amendments to incorporate the statutory changes as appropriate.

DATA AND ANALYSIS

The City of Venice, located in southwest Sarasota County, approximately 17.8 square miles in area. The City provides a range of municipal services, including potable water, to its functional population who consume nearly 880 million gallons every year. Potable water is provided by the City’s Water Treatment Plant (WTP) and an extensive distribution system consisting of over 188 miles of potable water mains. A portion of the residents within the City service area are provided water service through use of private wells or by Sarasota County as part of the Joint Planning Agreement and Interlocal Service Boundary (JPA/ILSBA). An overview of the City’s service area and water infrastructure is shown in **Figure 1**.

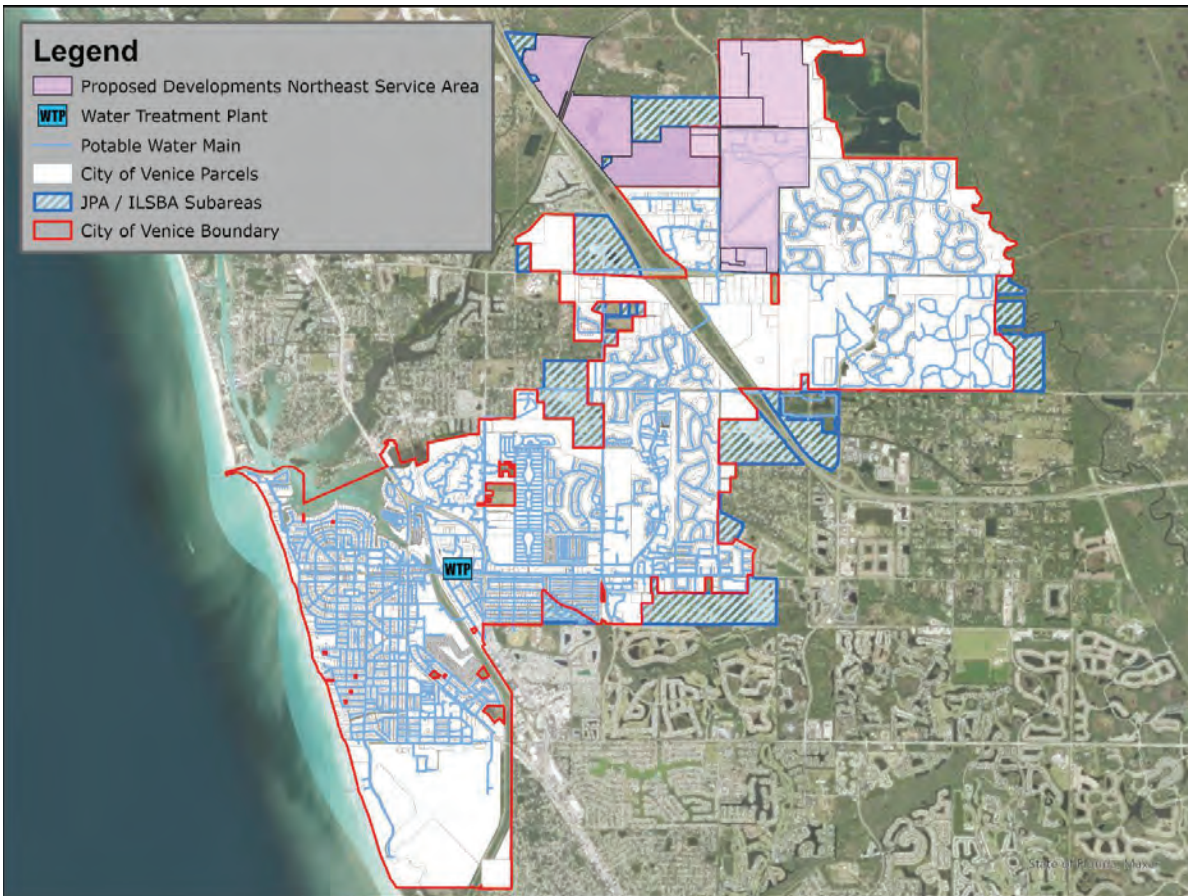


Figure 1 - City of Venice Service Area and Water Infrastructure

There are currently two major development trends within the City of Venice service area. The first of which is infill and redevelopment within the City’s traditional core. The second of which is an uptick in single family and multifamily housing developments concentrated in the newly annexed Knights Trail corridor, also referred to as the Northeast Service Area. Over the course of the next fifteen (15) years, over 10,000 people will be added to the current permanent population of 27,002. This WSP addresses these development trends in the population projections and anticipated

demands, identifying possible adjustments to the treatment process and conservation initiatives to accommodate additional users while conserving water supply.

WATER USE PERMIT INFORMATION

The Southwest Florida Water Management District (SWFWMD) issues water use permits (WUPs) authorizing withdrawal quantities of ground or surface waters. The WUP was modified on April 17, 2020, to incorporate relocation of Well No. 79. A copy of the City's present WUP is provided in **Appendix A**. The following is a summary of the existing permit information:

Permit Number 20005393.011

Type of Application: Modification

Permit Issue Date: April 17, 2020

Permit Expiration Date: December 16, 2028

Granted To: City of Venice, 200 N Warfield Ave, Venice, FL 34292

Project Name: City of Venice

Water Use Caution Area: Southern Water Use Caution Area

County: Sarasota

Annual Average Authorized Withdrawal: 6,864,000 GPD

Peak Month Authorized Withdrawal: 8,240,000 GPD

Changes from Previous Permit: The permit modification approved the relocation of District ID Well No. 79. The withdrawal quantities authorized in the permit remain unchanged from the initial permit issued in 2011.

EXISTING WATER FACILITIES

PRODUCTION WELLS

The City's potable system consists of 15 active water supply/production wells. Brackish groundwater is pumped from the Intermediate Aquifer System (IAS) to the reverse osmosis (RO) WTP for treatment. The City is currently permitted by the Southwest Florida Water Management District (SWFWMD) for an annual average withdrawal of 6.86 MGD and a peak month withdrawal of 8.24 MGD. **Table 1** lists the well identification number, diameter, casing depth, permitted withdrawals, and wellfield name of each well within the IAS.

Table 1 - Intermediate Aquifer Brackish Supply Wells

SWFWMD Well ID No./Permittee ID No.	Diameter (in)	Well Depth (ft)	Casing Depth bls (ft)	Permitted Withdrawal, Average (GPD)	Permitted Withdrawal, Peak Month (GPD)	Wellfield
RO-2 / 33	10	385	230	338,000	405,700	Intracoastal
RO-3 / 34	10	450	230	354,100	425,100	Intracoastal
RO-4 / 35	10	450	230	362,100	434,700	Intracoastal
RO-2A / 49	10	450	230	338,000	405,700	Intracoastal
RO-8 / 50	12	450	230	523,000	627,900	Intracoastal
RO-1E / 52	12	405	269	402,300	483,000	Eastern
RO-2E / 54	12	261	207	523,000	627,900	Eastern
RO-3E / 55	12	360	197	523,100	627,900	Eastern
RO-4E / 56	12	320	242	523,000	627,900	Eastern
RO-5E / 57	12	320	228	523,100	627,900	Eastern
RO-1A / 65	12	359	225	442,600	531,300	Intracoastal
RO-6E / 77	12	320	220	523,000	627,900	Eastern
RO-7E / 78	12	320	220	523,100	627,900	Eastern
RO-8E / 79	14	320	220	523,000	627,900	Eastern
RO-7AW / 80	12	350	230	442,600	531,300	Intracoastal

The City’s well maintenance program includes evaluating the wells every 3-4 years and scheduling an average of two wells for rehabilitation each year in an effort to improve raw water quality. The supply wells are also regularly chlorinated to prevent biofouling. The City’s production wells are shown in **Figure A.1** in **Exhibit A**.

WATER TREATMENT FACILITY

Raw water from the production wells is pumped to the RO treatment facility located at 200 N. Warfield Ave, Venice FL, 34285. The RO treatment facility has an operating capacity of 4.48 MGD; the capacity is increased to 4.66 MGD when accounting for the raw water blending volume. The facility typically produces 2.5 MGD of potable water at current RO membrane recovery rates. The WTP is operational 24 hours a day, seven days a week, with staff always in attendance on site and available after-hours for emergencies. An aerial image of the City’s WTP facility is provided in **Figure 2**.



Figure 2 - Aerial Image of the City of Venice WTP

Pre-treatment: Raw water is pumped from the supply wells through a cyclone sand separator and five-micron cartridge filters to separate particulates from the process stream. Raw water is dosed with an anti-scalant to increase the dissolved mineral solubility limits prior to the membrane treatment.

Membrane Treatment: The City currently feeds pre-treated water through high-pressure membrane skids at an operating pressure ranging from 116 -123 psi. The treatment plant has four membrane skids operating in parallel and commonly operates 2 - 3 at a time, alternating skids in operation for uniform wear and maintenance. The WTP underwent a major upgrade in 2015 which included replacement of the membrane skids, feed pumps, and improvements to the SCADA system. The upgrade replaced aging components and upgraded monitoring and control functions of the membrane process.

The current recovery rate is approximately 57 – 59%. This rate can be limited by the age of membrane elements, constituents in the feed water, pH, and feed pressure. In 2017, the City completed a pilot study to demonstrate an incremental increase in the recovery rate up to 75%. The study helped identify optimal recovery rates and determine the quality of the concentrate water historically disposed of through surface water discharge to the Intracoastal waterway.

Results of the study were submitted to SWFWMD in 2018. These results supported the possibility of increasing recovery rates in the existing membranes to 60% and a gradual, overall increase in recovery to 75% following the capital expansion including the second stage of membrane

treatment. Design of the second stage will be complete in 2023, with construction to follow. One of the membrane feeds pumps and skids located RO Building I are shown in **Figures 3 and 4**.



Figure 3 – Membrane Feed Pump



Figure 4 – RO Membrane Skid

Post-Treatment: The membrane permeate is blended with filtered well water that bypasses the RO membrane process. This process recharges the treated water with minerals to stabilize the water prior to distribution. The blending ratio is approximately 6% filtered well water to RO permeate.

The blended finished water is then pumped up to the degasifiers for hydrogen sulfide (H₂S) removal. A second degasification tower was added in 2018 for redundancy and improved cleaning abilities. The current system removes approximately 99% of H₂S from the treated water. The City recently replaced their chemical scrubber with a biological odor control system to treat gases from the degasification process.

Following degasification, the City adds caustic soda to the finished water to raise the pH to approximately 7.7 – 7.9. Zinc orthophosphate is used as corrosion inhibitor, then sodium hypochlorite is injected for disinfection. Disinfected water is stored in the 1.0 MG clearwell prior to distribution.

Concentrate Treatment and Disposal: The water that is rejected through the membrane process is disinfected with sodium hypochlorite and treated with compressed air to remove hydrogen sulfide gas as well as increase the dissolved oxygen content in the concentrate. The treated concentrate is discharged to a mixing zone in the Intracoastal Waterway.

STORAGE

The City uses a combination of elevated and ground storage tanks located at the WTP and throughout the City to charge the pressure in the distribution system. These storage tanks provide additional storage during peak demands and during fire flow occurrences. The City currently has

a combined 3.1 million gallons (MG); however, the Pinebrook Booster Station and ground storage tank are scheduled to be taken offline within the next 2 years. Storage facilities are located at the following locations:

1. 1.0 MG clearwell located at the WTP; finished water is stored in this baffled clearwell prior to distribution
2. 0.3 MG elevated storage tank at the WTP
3. 0.3 MG elevated storage tank located at the Chuck Reiter ball field
4. 1.5 MG ground storage tank located at the Pinebrook Booster Pump Facility

A proposed booster station is anticipated to come online in 2024. The station is located off Gene Green Road in the northeast corner of the City and will include a 2.0 MG ground storage tank. This station will increase pumping capacity and is intended to provide improved water quality and overall level of service to customers. Removing the Pinebrook Booster Station from service and adding the Gene Green Road station results in a projected net storage capacity of 3.6 MG.

DISTRIBUTION PUMPING CAPACITY

Finished water from the 1.0 MG clearwell is pumped to the distribution system using three 125-hp vertical turbine, high service pumps that are fitted with variable frequency drives (VFDs). The high service pump station has available space for two additional high service pumps. Distribution system pressure is typically between 55 psi and 58 psi.

The Pinebrook Booster Pump Facility utilizes a 150-hp booster pump and a 125-hp backup booster pump. A 16-inch influent line supplies treated water to the Pinebrook Booster Pump Facility. Flow is regulated into the facility by a 16-inch pressure-sustaining altitude valve at a typical rate between 500 and 900 GPM.

DISTRIBUTION SYSTEM

The City's distribution system consists of over 8 miles of raw water mains and over 191 miles of potable water mains. The distribution system provides water for residents, commercial businesses, irrigation systems, and fire hydrants throughout the City. The City recently undertook a major water main replacement and lining program as part of their Capital Improvements Projects (CIP) to reduce leaks and maintain reliable service to customers. This program is ongoing and also includes relocating water and sewer infrastructure from the rear and side easements in residential areas to the street rights-of-way for easier access to maintain and repair. **Table 2** shows the total length of the City-owned distribution system piping classified by diameter. A map of the distribution system is shown in **Figure A.2**, in **Exhibit A**.

Table 2 - Summary of Distribution System Piping

Pipe Diameter (in)	Approximate Length (ft)
2	55,000
3	4,400
4	84,300
6	342,500
8	328,000
10	42,600
12	191,550
14	350
16	16,500
18	50
20	700
24	100
30	350
TOTAL	1,066,400

WATER SYSTEM INTERCONNECTIONS

The City of Venice has two existing and future interconnections with Sarasota County, as authorized by the emergency interconnect agreement dated December 13, 1994. The existing interconnections, Colonia Lane and Country Club Way, are both 6-inch meter and valve assemblies, respectively located in the northern and southern portions of the City’s service area. The third, and future interconnection, will have an 8-inch meter located at the proposed Booster Pump Station on Gene Green Road in the northeastern portion of the service area.

Each location is equipped with manual read-out, totalizing flow meters to track the volume of water exchanged between the City of Venice and Sarasota County systems. Per the formal emergency interconnection agreement, the party requesting water must notify the Selling Party in writing to facilitate a purchase of surplus water. The Selling Party must respond in 24 hours and notify the Requesting Party of the quantity of water available. The agreement states there is a limit of 0.5 MGD for no more than 60 days that may be sold or purchased and the rate of supply shall not exceed 400 GPM average over a 24-hour period. The City of Venice and Sarasota County can control the flow of water through these interconnects using manually operated valves which are only opened during a water emergency; the control valves are exercised on a schedule with the City and Sarasota County present.

REGIONAL WATER SUPPLY PLANNING

Water use at the individual water provider level has a cumulative impact on the total supply at the local, county, and regional levels. As the City’s service area expands and its population grows, their water conservation initiatives and reuse water management programs will be critical in maintaining the current water supply, developing alternative sources, and augmenting groundwater to minimize the City’s impact to the region’s water supply. These programs are intended to support the SWFWMD Regional Water Supply Plan (RWSP) as well as protect the Southern Water Use Caution Area (SWUCA), which in turn maintains the Floridan Aquifer groundwater levels.

SOUTHWEST FLORIDA

SWFWMD updated the RWSP in 2020. At a water management district level, the RWSP can support future decisions in the region, identifying sufficient water sources and viable conservation strategies. Water providers within the four designated Planning Regions utilize the document when identifying alternative water sources and methods for maintaining the health of those sources despite growing demands. The RWSP also projected the water demands through 2040 for each region and county. The City of Venice is located within the Southern Region and Sarasota County. SWFWMD’s projected demands for these areas are shown below in **Table 3**. The supply and demand were calculated using existing and potential supply from the 2020 RWSP Southern Region Community Planning Pages.

Table 3 - Supply and Projected Demands

Areas	Flow (MGD)	
	Current Potential Supply	2040 Projected Demand
Southern Region	315.42 ¹	279.34
Sarasota County	TBD	48.46
City of Venice	6.86	4.20

¹From the 2020 RWSP, Table 4-8 “Potential additional water availability in the Southern Planning Region through 2040”

The Regional Water Supply Plan shows there is sufficient fresh groundwater from the Upper Floridan Aquifer (UFA) to meet future demands, however, further development of new water supplies from the UFA in the region is limited due to existing impacts to minimum flows and levels (MFLs) water bodies. Through conservation measures and development of alternative water supplies, SWFWMD aims to reduce groundwater withdrawals in accordance with the SWUCA Recovery Strategy (2006).

PILOT STUDY

As previously mentioned, the City completed a pilot study in 2020 to explore increasing the recovery rate of the RO membranes. The current recovery rate is approximately 57 - 59%. The pilot study evaluated increasing the recovery rate in increments up to a target goal of 75% and

considered the effects of higher recovery rates regarding the fouling potential of the membrane elements, and the ionic strength of the concentrate as it relates to the surface water disposal. Based on the results of the pilot study, the City is proceeding with a second-stage membrane recovery project to immediately increase recovery rates. Additional improvements are needed to achieve 75% recovery.

SARASOTA COUNTY

The City executed a Joint Planning and Interlocal Service Boundary Agreement (JPA/ILSBA) with Sarasota County on October 26, 2010. The JPA/ILSBA addresses potential annexation areas and the coordination of extra-jurisdictional planning. In the JPA/ILSBA, both the City and the County agree upon future land use, utility service, transportation, and environmental decisions. The JPA/ILSBA and amendments are located in **Appendix B. Figure A.3** in **Exhibit A** shows the area of interest, described hereafter as the Joint Planning Area (JPA). The City supplies potable water to the following subareas within the JPA listed below, unless otherwise noted:

1. Knights Trail
- 2a. Auburn Road to I-75
- 2b. 1-75/Jacaranda Boulevard
3. Border Road to Myakka River
4. South Venice Avenue
5. Laurel Road Mixed Use (served by Sarasota County)
6. Pinebrook Road
7. Auburn Road
8. Gulf Coast Boulevard

OTHER WATER PARTNERS

The City of Venice has coordinated with the Water Planning Alliance. The goal of the Water Planning Alliance is to achieve non-traditional long-term potable water demands to reduce groundwater and surface water withdrawals. The Water Planning Alliance consists of members from Charlotte, DeSoto, Manatee, and Sarasota counties as well as the cities of Arcadia, Bradenton, North Port, Palmetto, Punta Gorda, Sarasota, Venice, the Town of Longboat Key and Englewood Water District.

LEVEL OF SERVICE AND CONCURRENCY MANAGEMENT

POPULATION ANALYSIS

EXISTING POPULATION ASSESSMENT

The existing population within the City potable water service area consists of the customers within the City limits as well as customers in the JPA. The University of Florida Bureau of Economic and Business Research (BEBR) historic population data was used to establish the 2021 historic permanent population of 26,103 people within the City limits. Historic permanent population data, shown in **Table 4**, was analyzed for the City, County, and unincorporated Sarasota County to determine annual average growth rates for their respective areas. BEBR year-over-year growth rates are presented in **Table 5**. The Southwest Florida Water Management District (SWFWMD) GIS parcel-level data was used to identify the existing customer population of 899 people within the JPA boundary. The total existing permanent population is 27,002 people.

Table 4 - Historic Permanent Population (BEBR)

Service Area	2017	2018	2019	2020	2021
Sarasota County	407,260	417,442	426,275	438,816	441,508
Venice, City Limits	22,306	22,781	23,315	24,016	26,103
Unincorporated Areas	258,594	263,636	268,026	274,939	277,128

Table 5 – BEBR Year-over-year Growth, Calculated

Service Area	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021	Annual Average Growth
Sarasota County	2.50%	2.12%	2.94%	0.61%	2.04%
Venice, City Limits	2.13%	2.34%	3.01%	8.69%	4.04%
Unincorporated Areas	1.95%	1.67%	2.58%	0.80%	1.75%
Venice, City Limits, Modified-Med ¹	2.13%	2.34%	3.01%	-	2.49%
Venice, City Limits, Modified-High ²	-	-	3.01%	8.69%	5.85%

¹The “Venice, City Limits, Modified-Medium” captures the steady growth period from 2017-2020.

²The “Venice, City Limits, Modified-High” growth scenario was generated by averaging the year-over-year rates from 2019-2021 to account for the annexation of Knights Trail Road while also capturing proposed developments over the next 10 years.

GROWTH SCENARIOS AND POPULATION PROJECTIONS

Population and demand projections are the basis for planning the future potable water supply. Projections were developed using planning documents from the City, Sarasota County, SWFWMD, and BEBR. The population projection methodology presented in this WSP differs slightly from the methodology used in the previous plan as it relies more heavily on local data and City documents that better address recent development trends.

Prior to 2022, BEBR data was published online annually for the state and all counties and cities in Florida; from 2022 onward, BEBR will continue to publish state and county-level data, but will no longer publish city-level population projections. In the absence of city-wide projections for the future population, BEBR historic growth rates over the last five years (2017-2021) were used to develop growth scenarios for projected populations as the historic rates are reflective of the anticipated long-term growth within the City service area.

As shown in **Table 5**, the calculated annual average growth rates vary across each service area. The data also shows that, while there were slight changes in rates from 2017-2020, the 2020-2021 rates changed dramatically in all service areas due to the annexation of the Knights Trail Road JPA subarea. Four unique growth scenarios were generated to capture the trends across years and service areas for the next 24 years (2021-2045), as shown in **Table 6**. The Sarasota County Unincorporated Area rate was excluded from the analysis as the resulting population was deemed too low and uncharacteristic of current and anticipated population trends.

Table 6 - Growth Scenarios

Growth Scenarios	BEBR Annual Average Growth (Calculated)	Smoothed Growth Rates, Used for Linear Projections ¹
Sarasota County Average	2.04%	2.00%
Venice, City Limits, Average	4.04%	4.00%
Unincorporated Areas (Not Used) ²	1.75%	1.75%
Venice, City Limits, Modified-Med	2.49%	2.50%
Venice, City Limits, Modified-High ³	5.85%	3.00%

¹Growth rates were smoothed to better showcase data trends and approximate the BEBR historic population data.

²The growth rate for the Sarasota County Unincorporated Area was excluded from the analysis as the resulting population was deemed too low and uncharacteristic of current and anticipated population trends

³For the Venice, City Limits, Modified-High scenario, the growth rate used for projections was reduced to more accurately reflect the total number of customers expected over the planning period and to be more consistent with other City planning documents.

The calculated growth rates for each scenario were smoothed to better approximate the BEBR historical population data and reduced where the calculated rate resulted in a population inconsistent with other City planning documents. The smoothed growth rates were applied to the permanent population of 26,103 within the City's limits for years 2021-2045.

The Overall Growth for each scenario was calculated using the following formula:

$$(2045 \text{ population}) / (2021 \text{ population}) = \% \text{ Overall Growth}$$

The Annual Average Growth for each scenario was calculated using the following formula:

$$\frac{(2045 \text{ population} - 2021 \text{ population}) / (2045 - 2021)}{(2021 \text{ population})} = \% \text{ Annual Average Growth}$$

The SWFWMD parcel-level data projections accounted for the permanent population within the JPA for the same planning period. The resulting population projections from applying the growth rates linearly over the planning period are shown in **Table 7** through **Table 10**. The SWFWMD parcel-level data projections for both the City service area and JPA are presented in **Table 11** for comparison.

The geometry of the population curves was adjusted at every 5-year mark (e.g., 2025, 2030, etc.) to reflect data from the City's concurrency management system and City planning documents, such as the 2019 Water Master Plan update, the 2022 Wastewater Master Plan, and the current version of the 2017-2027 Comprehensive Plan. The 2019 Water Master Plan provides insight into growth trends due to projected developments. The 2022 Wastewater Master Plan also identified commercial and residential development projects, anticipated to be fully constructed and occupied at the end of the WSP's 10-year planning period. These proposed developments will add upwards of 10,000 customers in the newly annexed Knights Trail Road JPA subarea, resulting in steep population growth between 2022-2035 that is not addressed in regional and statewide data sources. Growth is expected to taper off and the resulting curve will flatten out following year 2030. A summary of all scenarios is presented in **Table 12** and graphically presented in **Figure 5**.

Based on discussions with the City, it was determined that the populations generated under the Venice, City Limits, Modified-High scenario most closely resemble the population trends over the next 20 years and accurately reflects both the annexation of the Knights Trail Road JPA subarea and projected developments. The annual average growth rate for this scenario is 3.12%, or approximately 843 people.

BUILD-OUT POPULATION

The City's Build-Out population is the maximum number of persons the City can accommodate according to land-use policies established in the City's Comprehensive Plan. The number of Equivalent Residential Units (ERUs) at build-out was determined using City Future Land Use data and the terms of the JPA/ILSBA, then an occupancy rate of 1.75 people/ERU was applied. The City's Future Land Use Map is provided in **Figure A.4** in **Exhibit A**. The resulting population from acreages and densities listed in the Comprehensive Plan is approximately 109,800 and the JPA

build-out population is approximately 18,900 for a total service area build-out population of 128,700. The current rate of build-out based on the 2021 estimated permanent population of 27,002 is 21%.



Table 7 - Sarasota County

Growth Scenario	Service Area Population	2021 Population	2045 Population	Overall Growth		Annual Average Growth	
				People	% ¹	People	% ²
Sarasota County (2.00%)	City Limits	26,103	38,632	12,529	48.0%	501	2.00%
SWFWMD	JPA, SWFWMD Projections	899	2,327	1,428	158.8%	60	6.62%
	TOTAL	27,002	40,959	13,957	51.7%	582	2.15%

Table 8 - Venice, City Limits

Growth Scenario	Service Area Population	2021 Population	2045 Population	Overall Growth		Annual Average Growth	
				People	%	People	%
Venice, City Limits (4.00%)	City Limits	26,103	51,161	25,058	96.0%	1,002	4.00%
SWFWMD	JPA, SWFWMD Projections	899	2,327	1,428	158.8%	60	6.62%
	TOTAL	27,002	53,488	26,486	98.1%	1,104	4.09%

Table 9 - Venice, City Limits, Modified-Med

Growth Scenario	Service Area Population	2021 Population	2045 Population	Overall Growth		Annual Average Growth	
				People	%	People	%
Venice, City Limits, Modified-Med (2.50%)	City Limits	26,103	41,764	15,661	60.0%	626	2.50%
SWFWMD	JPA, SWFWMD Projections	899	2,327	1,428	158.8%	60	6.62%
	TOTAL	27,002	44,091	17,089	63.3%	712	2.64%

Table 10 - Venice, City Limits, Modified-High

Growth Scenario	Service Area Population	2021 Population	2045 Population	Overall Growth		Annual Average Growth	
				People	%	People	%
Venice, City Limits, Modified-High (3.00%)	City Limits	26,103	44,897	18,794	72.0%	753	3.00%
SWFWMD	JPA, SWFWMD Projections	899	2,327	1,428	158.8%	60	6.62%
	TOTAL	27,002	47,224	20,222	74.9%	843	3.12%

Table 11 – SWFWMD, Parcel-Level Data

Service Area	Permanent Population Projections (5-Year Growth Rate)						Overall Growth		Annual Average Growth	
	2021	2025	2030	2035	2040	2045				
	-	0.94%	0.64%	0.56%	0.44%	0.37%	People	%	People	%
City Limits	26,103	26,672	27,530	28,299	28,920	29,452	3,982	15.6%	159	0.65%
JPA	899	1,288	1,638	1,939	2,192	2,327	1,428	158.8%	60	6.6%
TOTAL	27,002	27,960	29,168	30,238	31,112	31,779	5,410	20.5%	225	0.85%

Table 12 - Growth Scenario and Permanent Population Projection Comparison

Growth Scenarios	2045 Population	Overall Growth		Annual Average Growth	
		People	%	People	%
Sarasota County Average	40,959	13,957	52%	582	2.15%
Venice, City Limits, Average	53,488	26,486	98%	1,104	4.09%
Venice, City Limits, Modified-Medium	44,091	17,089	63%	712	2.64%
Venice, City Limits, Modified-High	47,224	20,222	75%	843	3.12%
SWFWMD Projections	31,779	5,410	21%	225	0.85%

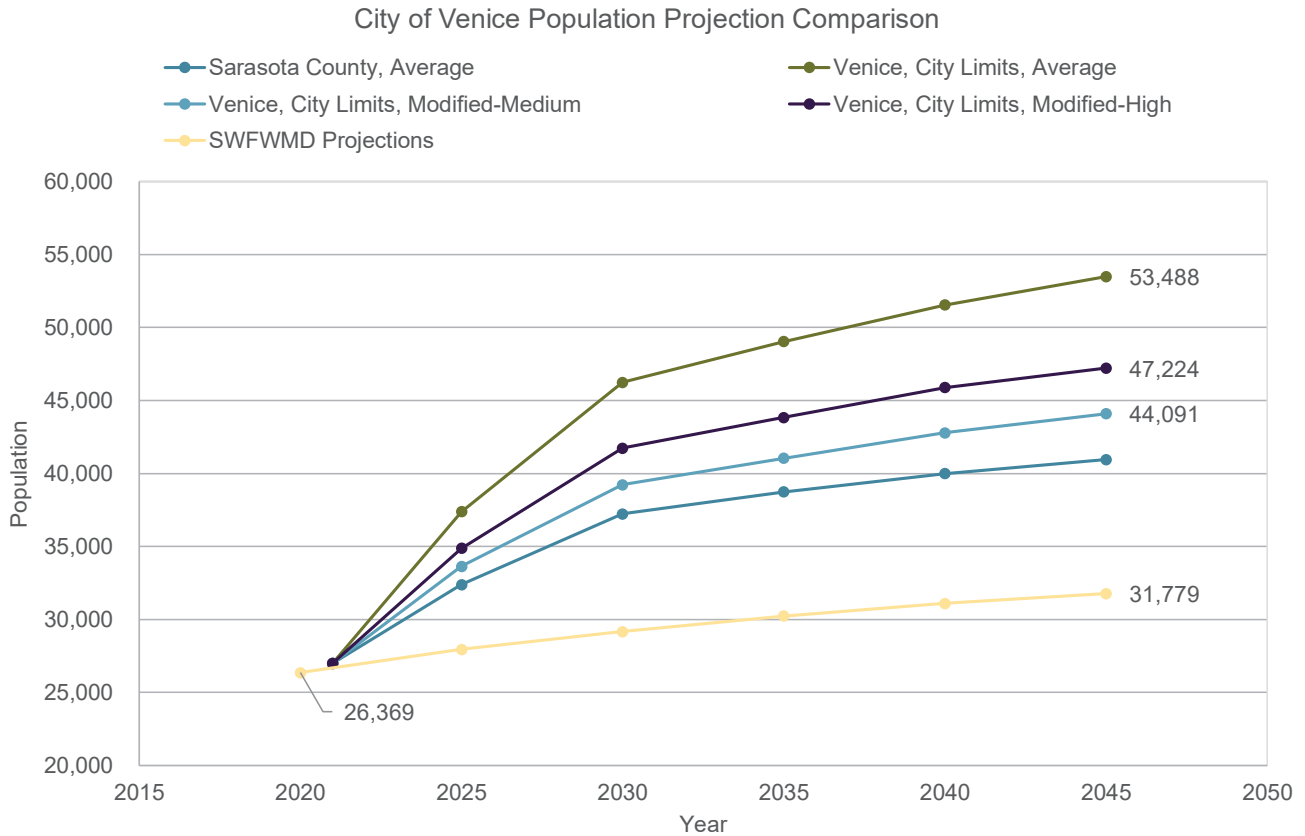


Figure 5 - Projection Projections and Growth Scenario Comparison

POTABLE WATER PROJECTIONS

The per capita use rate is calculated by determining the average volume of potable water produced by the City’s WTP and dividing by the City’s permanent population (**Table 13**). The recorded volume of water produced by the WTP in 2021 was 905 MG. Dividing by the City’s permanent population of 27,002 results in a per capita use rate of 89.9 GPD. The 5-year historic average from the previous WSP, formally accepted May 2019, was 83.0 GPD.

Since the previous water supply plan was adopted, there has been an increase in the per capita water use rate which can be attributed to the volume of active construction projects and temporary meter connections. Excluding temporary meter connections reduces the historical per capita use rate from 89.9 GPD to 85.1 GPD. The per capita use rate is expected to decrease following this 10-year period of intense development.

The per capita use rate of 89.9 GPD confirms the Level of Service (LOS) established in the Comprehensive Plan is sufficient to serve the City. The LOS was used to generate the following potable water projections. A 1.5 peaking factor was applied to the annual average daily flows to determine max day demands. The Annual Average Daily and Max Day Demands are presented in **Table 14**.

Table 13 - Population Projections Summary

Service Area	2021	2025	2030	2035	2040	2045	Build-out
Venice, City Limits, Modified-High	26,103	33,103	39,603	43,103	44,303	44,897	109,800
JPA	899	1,288	1,638	1,939	2,192	2,327	18,900
TOTAL	27,002	34,391	41,241	45,042	46,495	47,224	128,700

Table 14 - Potable Water Demand Projections

Projected Annual Average Daily Demand (GPD)						
Service Area	2025	2030	2035	2040	2045	Build-out
City Limits	2,979,270	3,564,270	3,879,270	3,987,270	4,040,730	9,882,000
JPA	115,920	147,420	174,510	197,280	209,430	1,701,000
TOTAL	3,095,190	3,711,690	4,053,780	4,184,550	4,250,160	11,583,000
Projected Max Day Demand (GPD)						
City Limits	4,468,905	5,346,405	5,818,905	5,980,905	6,061,095	14,823,000
JPA	173,880	221,130	261,765	295,920	314,145	2,551,500
TOTAL	4,642,785	5,567,535	6,080,670	6,276,825	6,375,240	17,374,500

The City's SWFWMD Water Use Permit (2020) has an average day permitted capacity of 6.86 MGD and a permitted peak capacity of 8.24 MGD for combined withdrawals at the City's wellfields. To relate the finished water demands and the wellfield withdrawal, or raw water quantities, the following system of equations is used:

$$\text{Recovery Rate} \times \text{Raw Water} = \text{Permeate}$$

$$(\text{Recovery Rate} \times \text{Raw Water}) + (\text{Blending Ratio} \times \text{Permeate}) = \text{Finished Water}$$

Assuming an average membrane recovery rate of 58% and a 6% blending of raw water, both the 2025 and the 2030 projected raw water withdrawals are within the WUP limits at 5.03 and 6.04 MGD, respectively. The peak month projected withdrawal for 2025 is within the WUP with a withdrawal of 7.55 MGD, however, the 2030 projected withdrawal of 9.06 MGD exceeds the current permit limit of 8.24 MGD. With the expansion of the RO system and incremental increases in recovery rate from 58% to 75%, all withdrawal rates are expected to decrease, including the 2030 projected peak month withdrawal which will be reduced from 9.06 MGD down to 7.00 MGD, back within the permitted limit.

The anticipated water demand at build-out exceeds the permitted limits, regardless of the membrane recovery rate. Both the treatment process and WUP will need to be modified to accommodate build-out conditions as withdrawals will exceed permitted levels due to increased demands.

CONSERVATION MEASURES

The City of Venice enacted a Conservation Plan in 2007 to devise strategies that build upon the water conservations already in place and determine additional water conservation efforts. Prior to the Conservation Plan, the City participated in numerous conservation measures and has recognized the impact on the per capita usage since inception in the early 2000s.

Low-Water/Drought-Resistant Landscaping: As part of the conservation program, the City encourages use of low-water and drought resistant plants for residential and commercial development to reduce irrigation needs. The recommended plants are local to the Florida climate and can withstand the harsh environment without the need for supplemental water and fertilizers.

Water Conservation Kits: The City also advertises water conservation kits on their website. There are two kits: an indoor kit and an outdoor kit. The kits include low-flow fixtures, rain gauges, and informational brochures. The City also has a toilet rebate program. Customers can save money when they install a low-flow toilet. Per information presented in the 2020 RWSP, there has been a savings of 18,577 GPD through this program.

Leak Detection Program: The City uses a customer leak detection program. The City's meter readers use a hand-held device that will set off an alarm if the consumption is higher than normal. The meter reader will investigate the cause of the alarm by checking the flow

through the meter and attempt to contact the resident in person or leave a door hanger. In the event the flow through the meter is excessive, the meter reader will shut off the meter and contact the resident.

Radio Frequency Meter Reading: The City is currently in the process of replacing water meters with radio read meters. Since the previous WSP update (May 2019), the City has replaced approximately 80% of the meters as of December 2022.

Water Loss Monitoring: The City's 2021 Public Supply Annual Report (PSAR) shows the annual percent of unaccounted for water is -5.15%. The City continues to monitor water loss and rapidly repairs leaks and breaks.

Inclining Rate Structure: The City has enacted an ordinance for an inclining conservation rate structure for potable water. The inclining rate structure provides customers with an incentive to conserve by charging more for higher volumes of water used. The rationale for this rate structure is to reduce water use on a permanent basis.

Expansion of Reuse Infrastructure: The City has constructed reclaimed infrastructure from the Eastside Wastewater Treatment Plant to the island in an effort to provide reclaim to City residents and reduce potable water demands. The City also has two reclaimed transmission lines running east and north through the City for future reclaimed users. Based on the latest Annual Reuse Report, submitted to SWFWMD January 2023, the City provides an average of 2.797 MGD for a variety of users. The uses include golf course irrigation, residential irrigation, and other public access areas.

CAPITAL IMPROVEMENTS

The City established long-term strategies for water supply and distribution in the 2020 Water Master Plan. A list of potential projects was created in accordance with the City's 2020 Water Master Plan to promote the Utility's vision. **Table 15** summarizes the City's current 5-year CIP for the potable water system projects and projects that will impact the water supply. The full CIP is included in **Appendix C**.

The Water Service Line Replacement Project is anticipated to help reduce water loss throughout the City service area. The City has been systematically replacing portions of their 90-year-old utility system. The City is spending about \$10 million annually to update water and sewer systems and relocate hard to access water mains from private property and behind residential homes into the public right-of-way.

Another project of note is the Reclaimed Water Aquifer Storage and Recovery (ASR) Project, which will offset potable water demand for irrigation. The City of Venice ASR project consists of design and construction of system to store and recover at least 2 MGD of reclaimed water at the City's Eastside Advanced Wastewater Reclamation Facility. This will allow for storage during the wet season and recovery of a similar amount for use during the dry season.



Table 15 - 2023, 5-Year Capital Improvements Projects

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	TOTAL
UTILITIES FUND #421 Distribution and Collection Improvements:						
Alley Infrastructure Improvements	\$ 500,000.00	\$ -	\$ -	\$ -	\$ -	\$ 500,000.00
Discovery Way Water Main Construction	\$ 300,000.00	-	-	-	-	\$ 300,000.00
Distribution System Improvements	\$ 325,000.00	\$ 325,000.00	\$ 325,000.00	\$ 325,000.00	\$ 325,000.00	\$ 1,625,000.00
East Gate Utilities Relocation - Ph 3 (SRF/S/PCF)	\$ 2,500,000.00	-	-	-	-	\$ 2,500,000.00
Meter Change Out Program	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 750,000.00
Water Main Replacement Program (SRF/PCF)	\$ 2,000,000.00	\$ 500,000.00	\$ 2,000,000.00	-	-	\$ 4,500,000.00
Water Service Line Replacement	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 750,000.00
Water Production						
Improvements:						\$ -
Deep Injection Well (SRF/F/PCF)	-	\$ 1,500,000.00	\$ 10,000,000.00	-	-	\$ 11,500,000.00
RO Membrane Replacement	-	\$ 1,500,000.00	\$ 1,500,000.00	-	-	\$ 3,000,000.00
Water Booster Pump Station (SRF/PCF)	\$ 10,379,423.00	-	-	-	-	\$ 10,379,423.00
Well Management Program (SRF)	\$ 1,500,000.00	\$ 1,500,000.00	-	-	-	\$ 3,000,000.00
WTP Improvements	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 500,000.00	\$ 2,500,000.00
WTP 2nd Stage Membrane Addn Ph II (SRF/S/PCF)	\$ 500,000.00	\$ 3,000,000.00	-	-	-	\$ 3,500,000.00
Machinery and Equipment:						\$ -
Onsite Emergency Generators at Wells	\$ 120,000.00	\$ 120,000.00	\$ 60,000.00	-	-	\$ 300,000.00
Water Reclamation and Lift Stations						
Improvements:						\$ -
Aquifer Storage & Recovery Well (SRF/S/SC/PCF)	\$ 2,300,000.00	\$ 150,000.00	\$ 150,000.00	-	-	\$ 2,600,000.00
Reclaimed Water Dist System Expansion	\$ 500,000.00	\$ 1,000,000.00	-	-	-	\$ 1,500,000.00
Machinery and Equipment:						\$ -
Reclaimed Water Storage Tank	-	\$ 600,000.00	-	-	-	\$ 600,000.00
TOTAL UTILITIES EXPENDITURES		\$ 10,995,000.00	\$ 14,835,000.00	\$ 1,125,000.00	\$ 1,125,000.00	\$ 49,804,423.00
SRF = State Revolving Fund Loan S = Includes State Grant, F = Federal Grant SC = Sarasota County Joint Sharing PCF = Plant Capacity Fees						

GOALS, OBJECTIVES AND POLICIES

The 2017-2027 Comprehensive Plan replaced the traditional form of Goals, Objectives, and Policies with Vision, Intent, and Strategies. A Vision is identified as a broad-based goal of the City. An Intent is what the City hopes to achieve and Strategies are how the City envisions achieving the Vision.

Listed below is a list of Visions, Intents, and Strategies that address the potable water supply and facilities, water quality, conservation and reuse programs, and implementation of the required 10-year Water Supply Work Plan. These and other visions, intents, and strategies can be found within the City's Comprehensive Plan Amendment published on January 12, 2018.

LAND USE

Strategy LU 1.2.7.b - Conservation:

Identifies those areas including but not limited to protected open spaces (wetland, wetland buffers, coastal and riverine habitats), preserves, native habitats including those of endangered or threatened species or species of special concern, wildlife corridors; natural lands owned and managed by the City, Sarasota County, State (i.e., FDEP, SWFWMD) or Federal Agency that do not qualify as Open Space (Functional) defined above; watercourses, other surface waters, aquifer recharge areas, or other areas as identified within the Open Space Element of this Plan.

Strategy LU 1.3.5 – Natural Features

The City shall respect natural features through design that recognize the natural and environmental features of the area and incorporates the protection, preservation, and enhancement of these features as a resource to the neighborhood as a whole.

Strategy LU 1.3.6 – Coordination with Public Infrastructure

The City shall ensure that future development practices are sustainable and pay for the impact they cause; provide for the needs of current and future populations; coordinate with the City infrastructure systems and public services; and protect natural habitats and species.

Strategy LU 1.3.8 – Co-Location of Facilities

The City shall promote the co-location of parks, schools, and other community facilities to support community interaction, enhance neighborhood identity, and leverage limited resources.

Strategy TR 1.5.8 - Environmental Impacts

The City shall utilize the Land Development Code and development review process to minimize transportation infrastructure impacts on the environment by addressing the following concerns:

- A. Stormwater runoff and flooding
- B. Extensive impervious surface areas
- C. Habitat fragmentation (wildlife connectivity)
- D. Preservation of existing shade trees
- E. Minimizing fossil fuel consumption and impacts on air quality

OPEN SPACE

Intent OS 1.3 – Wetlands

The City shall implement strategies to protect its wetlands, wetland buffers, and aquifer recharge areas.

Strategy OS 1.3.1 – Wetland and Aquifer Recharge Areas Protection

The City shall protect its groundwater sources, particularly in wetland and aquifer recharge areas, through its Land Development Code and review processes by:

1. Establishing site plan requirements to ensure developments evaluate natural drainage features, man-made drainage structures, and impact to wetland and aquifer recharge areas.
2. Requiring development to first avoid impact to wetlands and aquifer recharge areas
3. Requiring development to minimize impacts to wetlands and aquifer recharge areas when impacts to wetlands and aquifer recharge areas are unavoidable.
4. Limiting activities/uses that are known to adversely impact such areas
5. Restoring/mitigating wetlands in connection with new development
6. Maintaining the natural flow of water within and through contiguous wetlands and water bodies
7. Maintaining existing vegetation to serve as buffers to protect the function and values of the wetlands from the adverse impacts of adjacent development.
8. Requiring any wetland mitigation be based upon the most current state-approved methodology
9. Prohibiting the dredging, filling, or disturbing of wetlands and wetland habitats in any manner that diminishes their natural functions, unless appropriate mitigation practices are established in coordination with and approved by local, regional, state, and federal agencies.
10. Coordinating with Sarasota County, Federal, and State review agencies on wetland designation, mitigation policies, and regulations.

Strategy OS 1.4.2 - Protection of Native Habitats and Natural Resources

The City shall protect significant native habitats through its Land Development Code and review process including the following:

1. Preserve existing native vegetation and natural areas including threatened native habitats
2. Encourage development forms that provide protection of significant native habitats such as clustered development and alternative roadway designs (i.e., reduced rights-of-way)
3. Development shall first avoid impact to significant native habitats
4. Mitigate adverse impacts whenever areas of native habitats are involved in the development of property
5. Require development to first impact lower quality habitats and resources before impacts to higher quality habitats and resources are considered and used
6. Native habitat shall be used whenever possible to fulfill open space requirements
7. Protect environmentally sensitive/significant areas (i.e., floodplain, watersheds, water recharge areas, etc).

Strategy OS 1.12.9 - Emergency Water Conservation

The City shall continue to implement emergency water conservation practices in accordance with the SWFWMD. Such directives include the implementation of water management plans and emergency conservation.

INFRASTRUCTURE

Intent IN 1.2 – Utility Services and Development Coordination

The City shall ensure that utility service expansion is coordinated with development to ensure capacity adequate to serve projected future growth

Strategy IN 1.2.1 – Utility Services – Defined

The City’s utility services include potable water, reclaimed water, wastewater, stormwater management, and solid waste. Utility services may be provided by the City of Venice, Sarasota County, or the combination of both.

Strategy IN 1.2.2 – Maintenance of Facilities

The City shall rehabilitate and maintain in good condition existing public utility facilities to accommodate infill and to allow for the most efficient use of existing infrastructure.

Strategy IN 1.2.3 – Development Expansions

The City shall require through the Land Development Code and development review processes connection and maintenance to City utility services in accordance with the following criteria:

1. Size of development, types of structures, and land uses
2. Proximity and location (Coastal High Hazard Area) to existing infrastructure
3. Available capacity
4. Demand of future development projects
5. Consistency with applicable master plans (i.e., stormwater master plan, water supply plan)
6. Development agreements such and the JPA/ILSBA that may be in effect
7. Coordination with private utility services such as cable, power, and telecommunications
8. Annexation

Strategy IN 1.2.4 – Water and Sanitary Sewer Installation

The City shall require that water and sanitary sewer lines installed by property owners are constructed along the entire adjacent right-of-way or through the entire property as appropriate to permit further extension to adjacent properties.

Strategy IN 1.2.5 – Infrastructure Utilization

The City shall maximize existing public utility infrastructure systems by encouraging infill development and redevelopment of established service areas.

Strategy IN 1.2.6 – Utility Master Plans

The City shall update or develop utility master plans based on an overall infrastructure prioritization schedule to ensure consistency with partner agency plans and reflect best industry practices. The City’s utility master plans shall include the following and be updated according to Florida Statutes:

1. Water Supply Master Plan
2. Wastewater and Reclaimed Water Master Plan

The City should pursue the development of a Stormwater Master Plan

Strategy IN 1.2.7 – Utility Inventory

In conjunction with the development of the utility master plans, the City shall develop and maintain stormwater, reclaimed water, potable water, and wastewater service inventories to identify and address potential deficiencies in capacity. The City may use this information in the development of the annual Capital Improvements Plan and implementing Capital Improvements Schedule (CIS). The inventory shall include:

1. Current capacity
2. Existing usage
3. All future committed capacity based upon approved site development plans
4. Potential service area needs

Intent IN 1.3 – Level of Service

The City shall maintain an adequate level of service (LOS) or each of the City's public infrastructure.

Strategy IN 1.3.1 – Level of Service Standard

The City shall ensure that the City's utilities and appropriate public infrastructure are properly maintained by meeting the following levels of service concurrently with development:

1. **Potable Water** – 90 gallons per capita per day based on average annual flow and a peak maximum day flow of 135 per capita per day.

Strategy IN 1.3.2 – Concurrency Management LOS Evaluations

The City shall continue to utilize the Concurrency Management System as provided within the City of Venice Land Development Code, to ensure all proposed developments meet adopted LOS standards, as permitted by Florida Statutes, prior to the issuance of a development order or certificate of concurrency.

Intent IN 1.4 – Natural Resources Impact

The City shall ensure that its utilities infrastructure system do not adversely impact its natural resources.

Strategy IN 1.4.1 – Environmental Considerations

The City shall protect the environment by providing public utility services that:

1. Maximize existing facilities prior to developing new infrastructure systems
2. Contain wastewater facilities during a storm event
3. Minimize stormwater system overflow during storm events and reduce water quality impacts to receiving waters, with particular attention to mitigating direct runoff and outfall into the Gulf of Mexico through innovative control technology.
4. Identify and protect natural water sources and environmentally sensitive land areas.

5. Coordinate water quality monitoring, waste disposal, and stormwater management practices with partner entities.
6. Provide periodic inspection and monitoring of facilities.

Strategy IN 1.4.2 – Wellhead Protection Areas

All areas within a 500 ft radial setback from a surface or subsurface potable water well shall be designated as wellhead protection areas. The following uses will not be permitted within the wellhead protection areas:

1. Treatment, storage, disposal, and transfer facilities for hazardous wastes
2. Chemical and hazardous material storage tanks
3. Industrial wastewater
4. Reuse water applications
5. New class I and class III injection control wells

Strategy IN 1.4.3 – Water Quality System Evaluation

The City shall continually evaluate and, if appropriate, enact alternative water quality standards for the design, construction, and maintenance of water infrastructure systems. This evaluation shall review the following:

1. Non-structural storm water management system designs
2. Littoral zone vegetation requirements
3. Vegetation removal and management standards
4. System designs that conserve uplands and population of listed species

Strategy IN 1.4.4 – Water Resource Partnerships

The City shall partner with the Southwest Florida Water Management District, Florida Department of Environmental Protection, and other local, regional, state, and federal water entities to protect the quality of natural ground water recharge areas, natural drainage features, and surface water bodies. Specific programs that require regional water coordination include, but not limited to:

1. Wellhead Protection Program
2. Potable Wells
3. 2015 Regional Water Supply Plan
4. Myakka River Comprehensive Watershed Management Plan
5. Myakka Wild and Scenic River Management Plan
6. Charlotte Harbor Surface Water Improvement and Management Plan
7. Watershed Management Program Plans

Strategy IN 1.4.5 – Private Wells and Septic Systems

The City shall require connection to the City utilities for all private wells and septic systems, upon service availability.

Strategy IN 1.4.6 – Reclaimed Water Utilization

The City shall utilize the Land Development Review Code and review process to encourage development projects to increase the need for reclaimed water capacity and to use reclaimed water for irrigation where supplies are available. Area that will be addressed include:

1. Golf courses
2. Public and private common areas and greenspace
3. Roadway medians
4. Landscaped areas in parks and other public properties
5. Residential irrigation in all new proposed development areas

Strategy IN 1.4.7 – Potable Water Conservation

The City shall maximize water efficiency by supporting FGBC and/or LEED criteria and SWFWMD programs such as the Water Conservation Hotel and Motel Program (Water CHAMP), the Water Program for Restaurant Outreach (Water Pro) and the Florida Water Star program.

Strategy IN 1.4.8 – Water Shortage

The City shall abide by SWFWMD’s emergency water shortage plan, and when necessary, the City may implement more restrictive water conservation measures, as may be required to protect and maintain the potable water utility system.

Strategy IN 1.4.9 – 10-Year Water Supply Facilities Work Plan

The City will coordinate with SWFWMD and amend the Comprehensive Plan to incorporate any required updates to the 10-Year Water Supply Facilities Work Plan within eighteen months after an update to the Regional Water Supply Plan is approved by SWFWMD.

Strategy IN 1.4.11 – Public Conservation Efforts

The City shall utilize the City of Venice’s Water Conservation Plan and other plans to encourage public conservation efforts by providing:

1. Public education efforts
 - a. Reducing, reusing, and recycling waste products
 - b. Utilizing energy saving and water efficient fixtures
 - c. Utilizing reclaimed wastewater for irrigation
 - d. Minimizing irrigation, fertilization, and pest control needs using native, drought tolerant, and Florida-friendly landscaping materials and planting techniques
 - e. Using products with recycled components and packaging
2. Water and energy conservation school presentations and contests
3. Recycling and water conservation programs
4. Public incentives for reducing, recycling, and reusing natural resources and waste products
5. Information on reducing waste and minimizing energy use
6. Incentives for water conservation

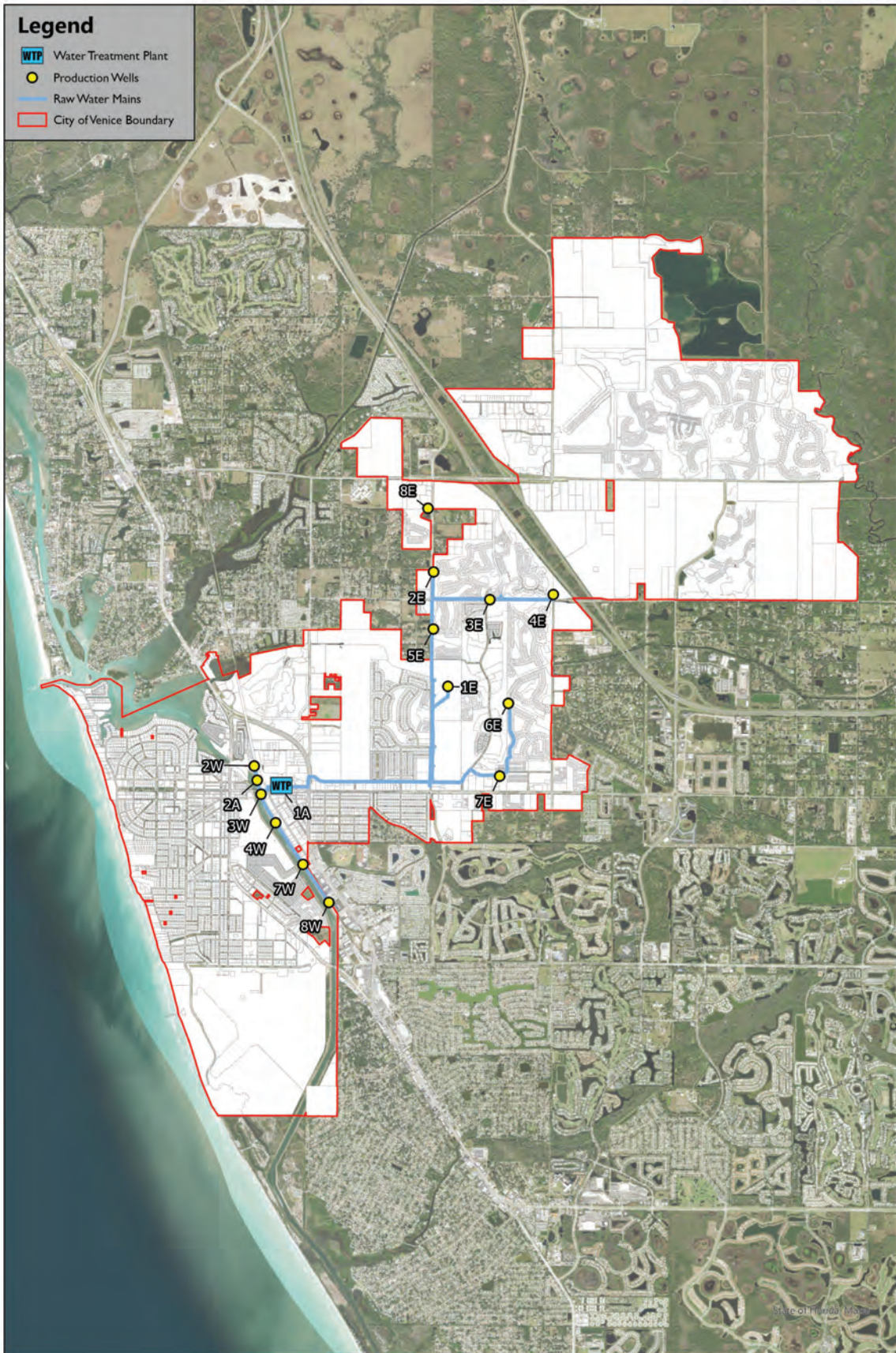
SUMMARY

In summary, the City of Venice service area has rapidly expanded over the last 5 years and growth is expected to continue at a similar rate for at least the next 10 years. The population is expected to grow at an average annual rate of 3.12% for years 2021 through 2045.

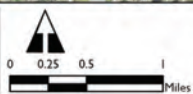
Water supply resources and distribution infrastructure are sufficient to accommodate projected water demands for the foreseeable future. The second-stage expansion to the RO system at the WTP will improve the membrane recovery rates and allow the City to produce more finished water without exceeding raw water withdrawal limits permitted in the current SWFWMD WUP. Improvements to the RO system and WTP will allow the City to accommodate growing potable water demands beyond the 10-year planning period of this WSP update.

The per capita water use rate and the City's overall water loss are expected to trend downward with completion of ongoing and planned capital improvement projects. The 2007 Conservation Plan will also facilitate reduced water loss and the development of programs to incentivize reduced water use. The City will continue to be a good steward of the environment and water supply for both the City and Southwest Florida region.

EXHIBIT A: FIGURES

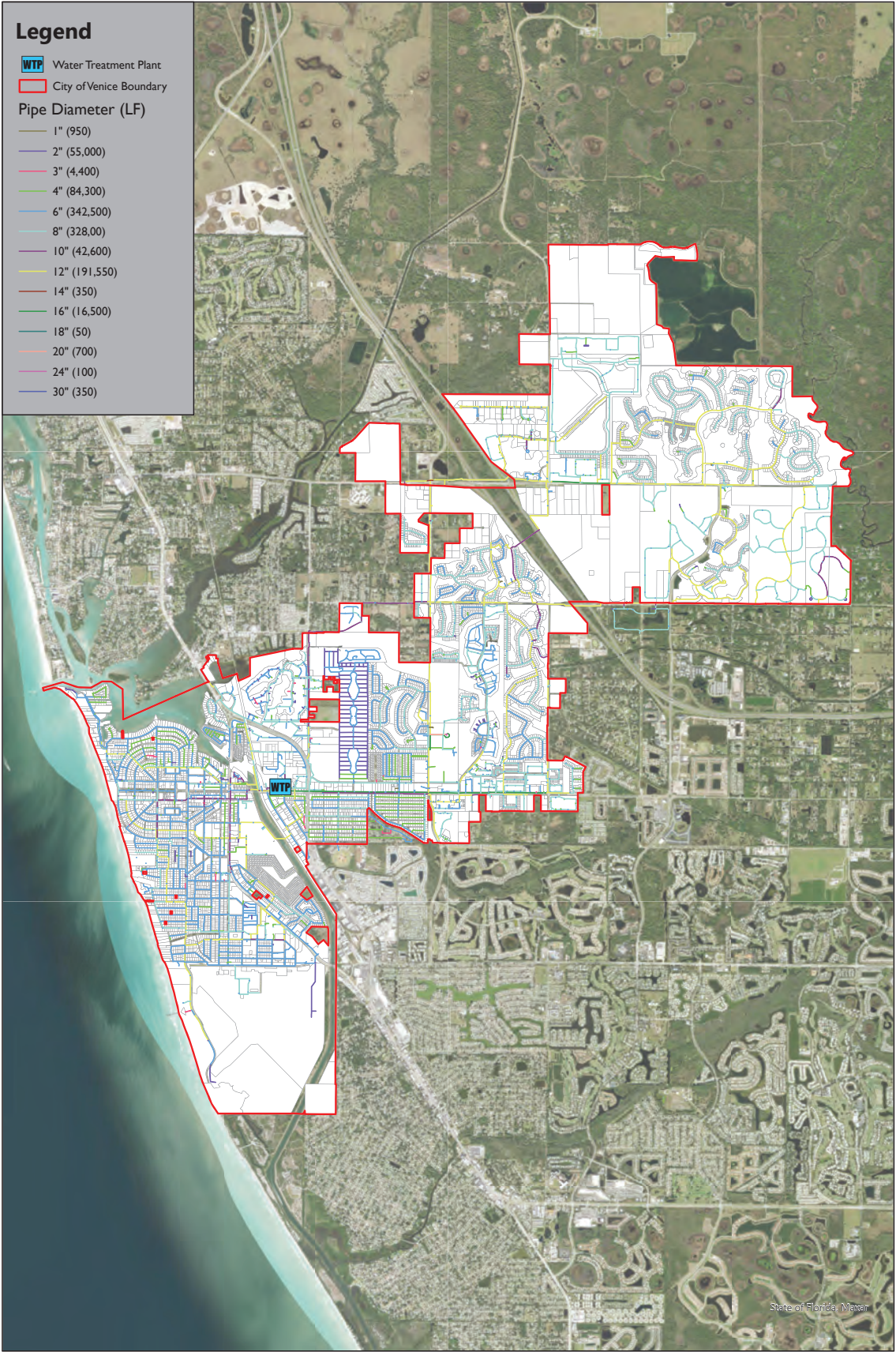


VENICE WATER SUPPLY WORK PLAN
PRODUCTION WELLS
 CITY OF VENICE
 January 25, 2022

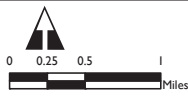


Kimley»Horn
 AERIAL DATA: ARCGIS MAP SERVICE
 ASHLEY MILE PE (941) 379-7600

A.1

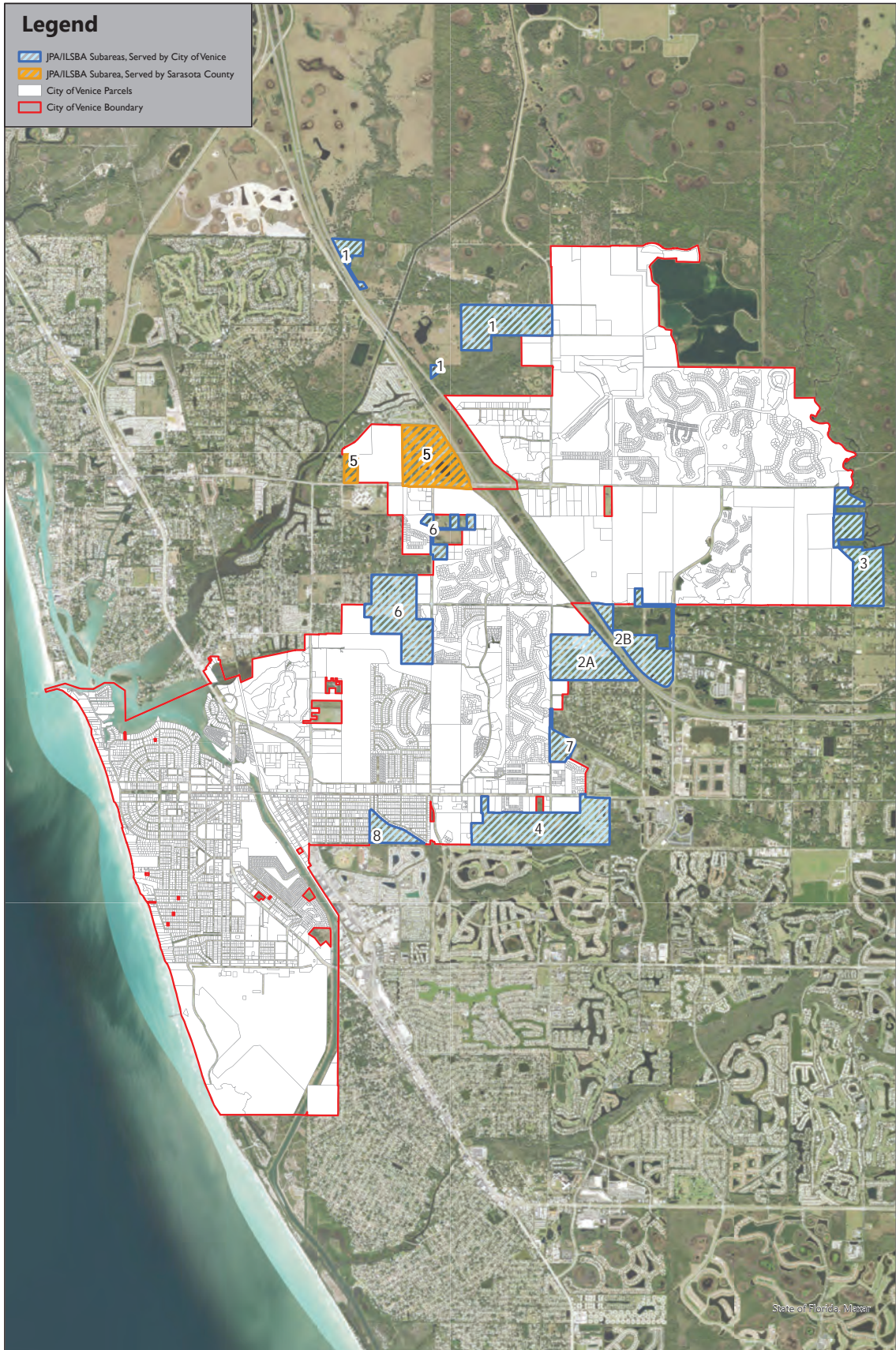


VENICE WATER SUPPLY WORK PLAN
 WATER DISTRIBUTION SYSTEM
 CITY OF VENICE
 January 25, 2022

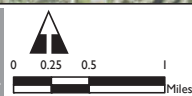


Kimley Horn
 AERIAL DATA, ARCGIS MAP SERVICE
 ASHLEY MIELE, P.E. (941) 379-7600

A.2

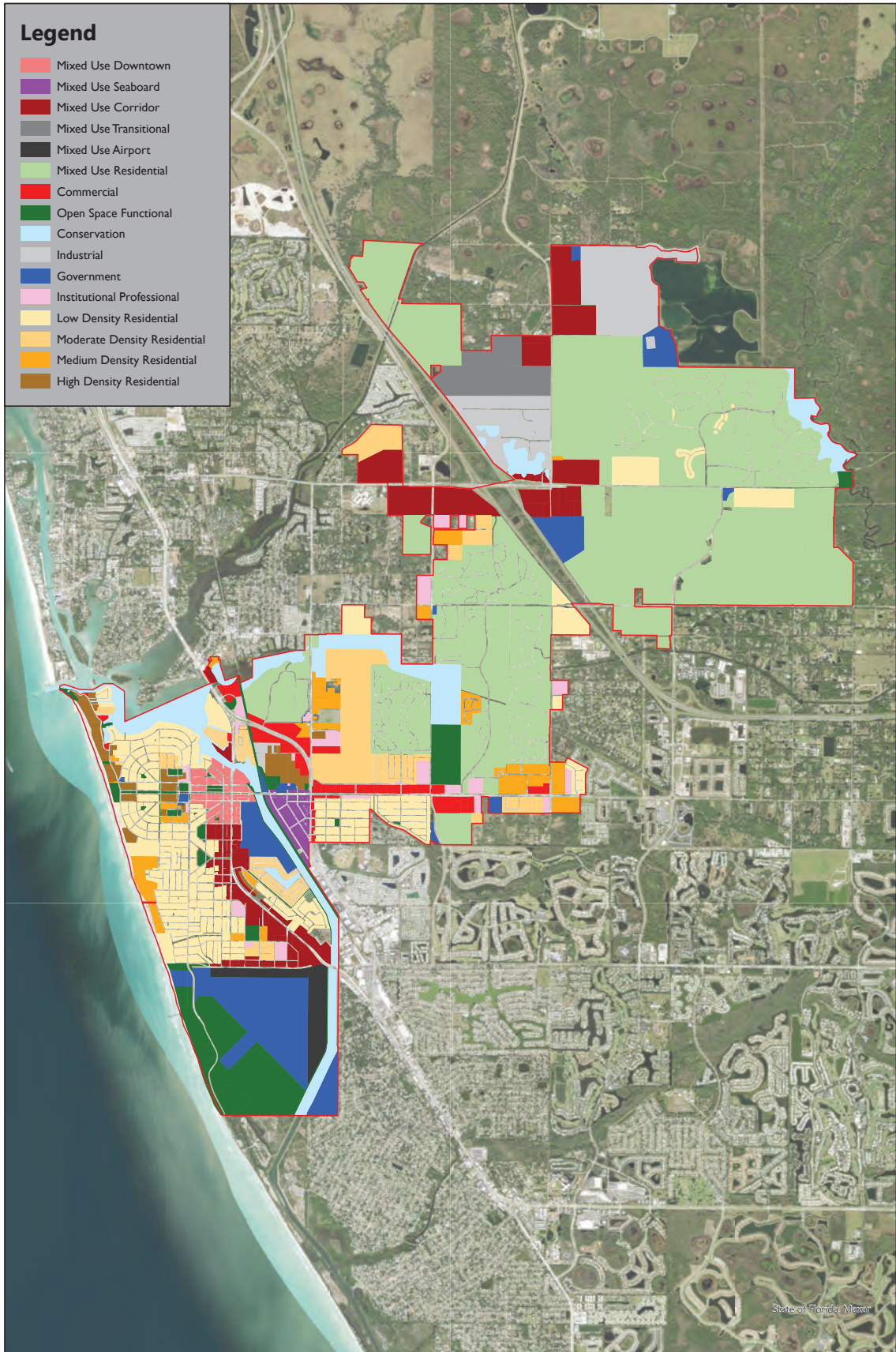


VENICE WATER SUPPLY WORK PLAN
JOINT PLANNING AREAS CITY OF VENICE
 January 25, 2022

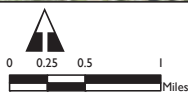


Kimley Horn
 AERIAL DATA: ARCGIS MAP SERVICE
 ASHLEY MIELE, P.E. (941) 379-7600

A.3



VENICE WATER SUPPLY WORK PLAN
FUTURE LAND USE
 CITY OF VENICE
 January 25, 2022



Kimley»Horn A.4
AERIAL DATA: ARCGIS MAP SERVICE
 ASHLEY MIELE, P.E. (941) 379-7600

APPENDICES

APPENDIX A:
Water Use Permit



Southwest Florida Water Management District

2379 Broad Street, Brooksville, Florida 34604-6899
(352) 796-7211 or 1-800-423-1476 (FL only)
SUNCOM 628-4150 TDD only 1-800-231-6103 (FL only)
On the Internet at: WaterMatters.org

An Equal
Opportunity
Employer

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Service Office
78 Sarasota Center Boulevard
Sarasota, Florida 34240-9770
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Service Office
7601 Highway 301 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

April 17, 2020

City of Venice
200 N. Warfield Ave
Venice, FL 34285

Subject: **Notice of Intended Agency Action Letter -- Approval**
Water Use Permit No.: 20 005393.011
Project Name: City of Venice
County: Sarasota

Dear Sir/Madam:

The Southwest Florida Water Management District (District) has completed its review of the application for Water Use Permit No. 20 005393.011. Based upon a review of the information you have submitted, the District hereby gives notice of its intended approval of the application.

The File of Record associated with this application can be viewed at <http://www18.swfwmd.state.fl.us/Search/Search/SearchWupSimple.aspx> and is also available for inspection Monday through Friday, except for District holidays, from 8:00 a.m. through 5:00 p.m. at the District's Tampa Service Office, 7601 U.S. Highway 301 North, Tampa, Florida 33637.

If you have any questions or concerns regarding the application or any other information, please contact the Water Use Permit Bureau in the Tampa Service Office.

Sincerely,

Darrin W. Herbst, P.G.
Bureau Chief
Water Use Permit Bureau

cc: Joseph D. Haber, P.G.
Progressive Water Resources // Attn: David Brown



Southwest Florida Water Management District

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Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

April 17, 2020

City of Venice
200 N. Warfield Ave
Venice, FL 34285

Subject: **Notice of Agency Action -- Approval**
Water Use Permit No.: 20 005393.011
Project Name: City of Venice
County: Sarasota

Dear Sir/Madam:

The Southwest Florida Water Management District (District) is in receipt of your application for Water Use Permit No. 20 005393.011. Based upon a review of the information you submitted, the application is approved. A copy of the permit is enclosed for your records. Please refer to the attached Notice of Rights to determine any legal rights you may have concerning the District's agency action on the permit application described in this letter.

The District's action in this matter only becomes closed to future legal challenges from members of the public if such persons have been properly notified of the District's action and no person objects to the District's action within the prescribed period of time following the notification. The District does not publish notices of agency action. If you wish to limit the time within which a person who does not receive actual written notice from the District may request an administrative hearing regarding this action, you are strongly encouraged to publish, at your own expense, a notice of agency action in the legal advertisement section of a newspaper of general circulation in the county or counties where the activity will occur. Publishing notice of agency action will close the window for filing a petition for hearing. Legal requirements and instructions for publishing notices of agency action, as well as a noticing form that can be used, are available from the District's website at www.WaterMatters.org/permits/noticing. If you publish notice of agency action, a copy of the affidavit of publication provided by the newspaper should be sent to the District's Tampa Service Office for retention in this permit's File of Record.

Please be advised that the Governing Board has formulated a water shortage plan referenced in a Standard Water Use Permit Condition (Exhibit A) of your permit, and will implement such a plan during periods of water shortage. You will be notified during a declared water shortage of any change in the conditions of your Permit or any suspension of your Permit, or of any restriction on your use of water for the duration of any declared water shortage. Please further note that water conservation is a condition of your Permit and should be practiced at all times.

The ID tags for your withdrawals shall be installed by a District representative. This representative will attempt to contact you within 30 days to discuss placement of your tags. If you have any questions or concerns regarding your tags, please contact Adam Hange at extension 6518, in the Sarasota Service Office. If you have any questions or concerns regarding your permit or any other information, please contact the Water Use Permit Bureau in the Tampa Service Office.

Sincerely,

Darrin W. Herbst, P.G.
Bureau Chief
Water Use Permit Bureau
Regulation Division

Encl: Permit
Notice of Rights

cc: Joseph D. Haber, P.G.
Progressive Water Resources // Attn: David Brown

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WATER USE PERMIT
Individual
PERMIT NO. 20 005393.011**

PERMIT ISSUE DATE: April 17, 2020

EXPIRATION DATE: December 16, 2028

The Permittee is responsible for submitting an application to renew this permit no sooner than one year prior to the expiration date, and no later than the end of the last business day before the expiration date, whether or not the Permittee receives prior notification by mail. Failure to submit a renewal application prior to the expiration date and continuing to withdraw water after the expiration date is a violation of Chapter 373, Florida Statutes, and Chapter 40D-2, Florida Administrative Code, and may result in a monetary penalty and/or loss of the right to use the water. Issuance of a renewal of this permit is contingent upon District approval.

TYPE OF APPLICATION: Modification
GRANTED TO: City of Venice
200 N. Warfield Ave
Venice, FL 34285

PROJECT NAME: City of Venice
WATER USE CAUTION AREA(S): SOUTHERN WATER USE CAUTION AREA
COUNTY: Sarasota

TOTAL QUANTITIES AUTHORIZED UNDER THIS PERMIT (in gallons per day)	
ANNUAL AVERAGE	6,864,000 gpd
PEAK MONTH ¹	8,240,000 gpd

1. Peak Month: Average daily use during the highest water use month.

ABSTRACT:

This is a modification of an existing water use permit for public supply use. The authorized quantities have not changed from those previously permitted. The annual average quantity is 6,864,000 gallons per day (gpd) and the peak month quantity 8,240,000 gpd. There is no change in Use Type from the prior revision. The purpose of this modification was to relocate proposed well, DID 79. This permit is located within the Southern Water Use Caution Area (SWUCA).

Special conditions include those that require the Permittee to report meter readings monthly, monitor water levels and water quality at each wellfield, continue implementation of the Environmental Monitoring Plan, immediately implement the Wellfield Management Plan, submit a comprehensive annual report for each wellfield by June 1 each year, maintain a water-conserving rate structure with enhanced customer billing and meter reading, submit the Public Supply Annual Report by April 1 each year, maintain an average per capita rate of 90 gpcd, and comply with the requirements of the SWUCA Recovery Strategy.

WATER USE TABLE (in gpd)

<u>USE</u>	<u>ANNUAL AVERAGE</u>	<u>PEAK MONTH</u>
Public Supply	6,864,000	8,240,000

USE TYPE

- Commercial/Industrial
- Fire Fighting/Testing
- Other Metered Uses
- Residential Multi-Family
- Residential Single Family
- Treatment Losses
(Backflushing)
- Unaccounted Use

PUBLIC SUPPLY:

Population Served: 47,795
 Per Capita Rate: 90 gpd/person

WITHDRAWAL POINT QUANTITY TABLE

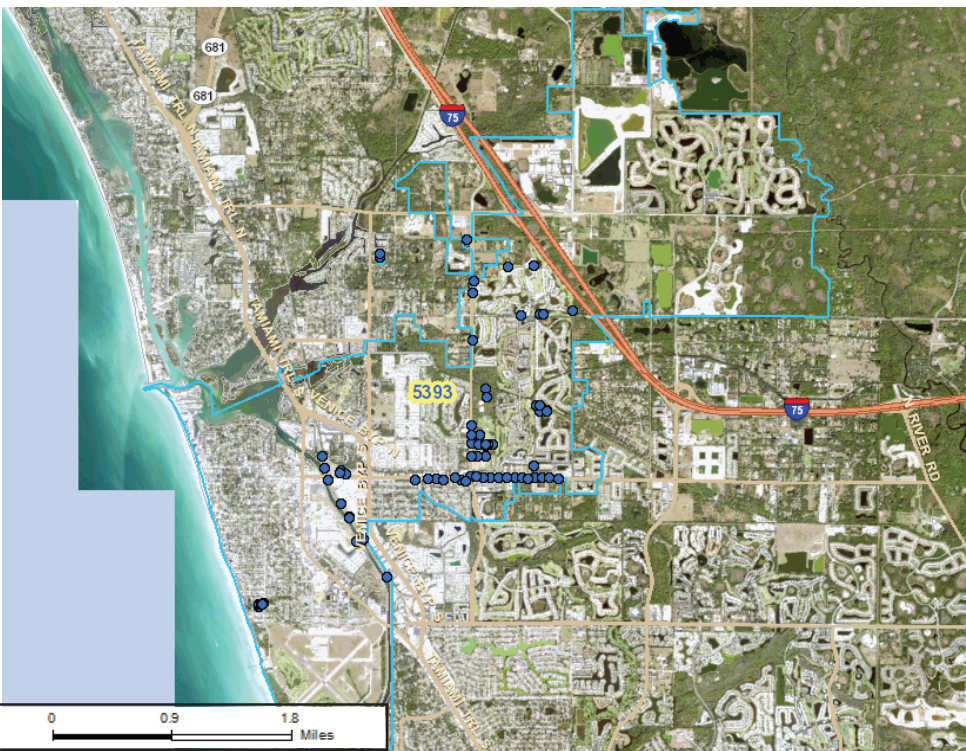
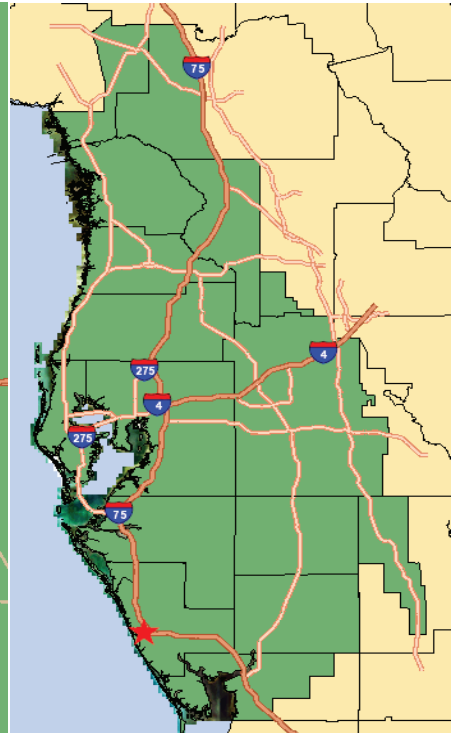
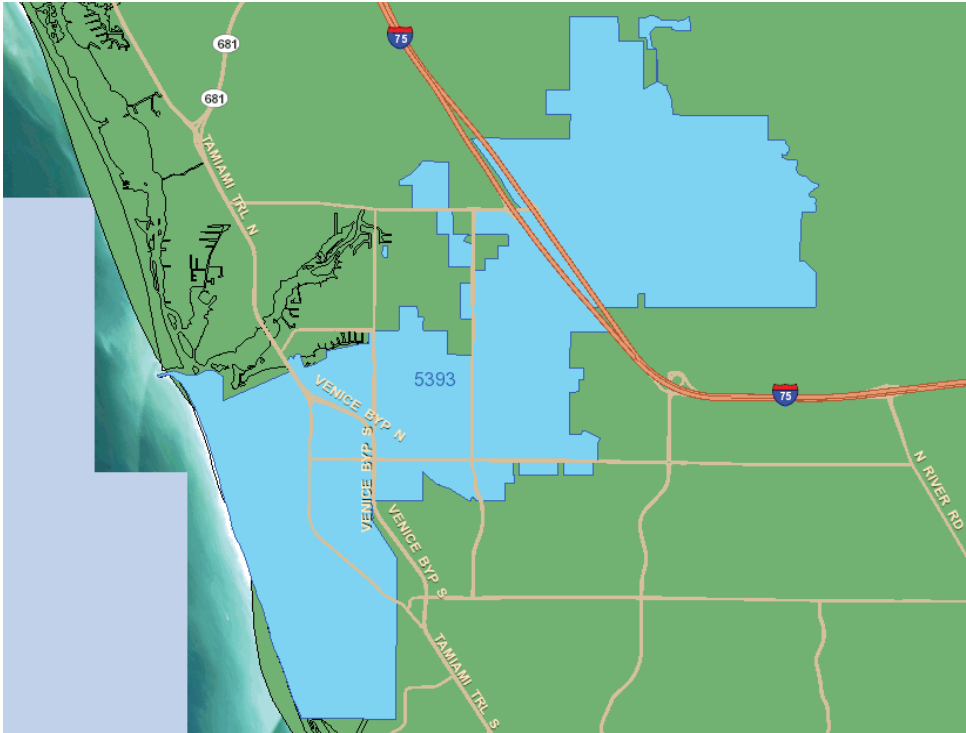
Water use from these withdrawal points are restricted to the quantities given below :

<u>I.D. NO.</u> <u>PERMITTEE/ DISTRICT</u>	<u>DIAM</u> <u>(in.)</u>	<u>DEPTH</u> <u>TTL./CSD.FT.</u> <u>(feet bls)</u>	<u>USE DESCRIPTION</u>	<u>AVERAGE</u> <u>(gpd)</u>	<u>PEAK</u> <u>MONTH</u> <u>(gpd)</u>
RO-2 / 33	10	385 / 230	Public Supply	338,000	405,700
RO-3 / 34	10	450 / 230	Public Supply	354,100	425,100
RO-4 / 35	10	450 / 230	Public Supply	362,100	434,700
RO-2A / 49	10	450 / 230	Public Supply	338,000	405,700
RO-8 / 50	12	450 / 230	Public Supply	523,000	627,900
RO-1E / 52	12	405 / 269	Public Supply	402,300	483,000
RO-2E / 54	12	261 / 207	Public Supply	523,000	627,900
RO-3E / 55	12	360 / 197	Public Supply	523,100	627,900
RO-4E / 56	12	320 / 242	Public Supply	523,000	627,900
RO-5E / 57	12	320 / 228	Public Supply	523,100	627,900
RO-1A / 65	12	359 / 225	Public Supply	442,600	531,300
RO-6E / 77	12	320 / 220	Public Supply	523,000	627,900
RO-7E / 78	12	320 / 220	Public Supply	523,100	627,900
RO-8E / 79	14	320 / 220	Public Supply	523,000	627,900
RO-7AW / 80	12	350 / 230	Public Supply	442,600	531,300

WITHDRAWAL POINT LOCATION TABLE

<u>DISTRICT I.D. NO.</u>	<u>LATITUDE/LONGITUDE</u>
33	27° 06' 10.00"/82° 26' 27.60"
34	27° 05' 57.80"/82° 26' 24.30"
35	27° 05' 45.60"/82° 26' 17.00"
49	27° 06' 04.04"/82° 26' 26.40"
50	27° 05' 08.40"/82° 25' 50.10"
52	27° 06' 44.80"/82° 24' 53.60"
54	27° 07' 33.90"/82° 25' 01.40"
55	27° 07' 22.70"/82° 24' 33.70"
56	27° 07' 24.80"/82° 24' 03.40"
57	27° 07' 09.60"/82° 25' 01.40"
65	27° 06' 02.50"/82° 26' 17.00"
77	27° 06' 36.26"/82° 24' 24.47"
78	27° 06' 05.35"/82° 24' 25.56"
79	27° 08' 01.24"/82° 25' 04.71"
80	27° 05' 27.40"/82° 26' 03.96"

Location Map
City of Venice
WUP No. 20 005393.011



Legend

- DIDs
- WUP Boundary

2017 Natural Color Imagery

SARASOTA COUNTY

Southwest Florida
Water Management District

STANDARD CONDITIONS:

The Permittee shall comply with the Standard Conditions attached hereto, incorporated herein by reference as Exhibit A and made a part hereof.

SPECIAL CONDITIONS:

1. All reports and data required by condition(s) of the permit shall be submitted to the District according to the due date(s) contained in the specific condition. If the condition specifies that a District-supplied form is to be used, the Permittee should use that form in order for their submission to be acknowledged in a timely manner. The only alternative to this requirement is to use the District Permit Information Center (www.swfwmd.state.fl.us/permits/epermitting/) to submit data, plans or reports online. There are instructions at the District website on how to register to set up an account to do so. If the report or data is received on or before the tenth day of the month following data collection, it shall be deemed as a timely submittal.

All mailed reports and data are to be sent to:

Southwest Florida Water Management District
Tampa Service Office, Water Use Permit Bureau
7601 U.S. Hwy. 301 North
Tampa, Florida 33637-6759

Submission of plans and reports: Unless submitted online or otherwise indicated in the special condition, the original and two copies of each plan and report, such as conservation plans, environmental analyses, aquifer test results, per capita annual reports, etc. are required.

Submission of data: Unless otherwise indicated in the special condition, an original (no copies) is required for data submittals such as crop report forms, meter readings and/or pumpage, rainfall, water level, evapotranspiration, or water quality data.
(499)

2. The average day and peak monthly quantities for District ID Nos. 33 and 49, Permittee ID Nos. RO-2 and RO-2A, shown in the production withdrawal table are estimates based on historic and/or projected distribution of pumpage, and are for water use inventory and impact analysis purposes only. The quantities listed for these individual sources are not intended to dictate the distribution of pumpage from permitted sources. The Permittee may make adjustments in pumpage distribution as necessary up to 604,800 gallons per day on both an average basis and a peak monthly basis for the individual wells, so long as adverse environmental impacts do not result and the Permittee complies with all other conditions of this Permit.

The average day and peak monthly quantity for District ID No. 34, Permittee ID No. RO-3, shown in the production withdrawal table are estimates based on historic and/or projected distribution of pumpage, and are for water use inventory and impact analysis purposes only. The quantities listed for this individual source are not intended to dictate the distribution of pumpage from permitted sources. The Permittee may make adjustments in pumpage distribution as necessary up to 633,600 gallons per day on both an average and a peak monthly basis, for the individual well, so long as adverse environmental impacts do not result and the Permittee complies with all other conditions of this Permit.

The average day and peak monthly quantity for District ID No. 35, Permittee ID No. RO-4, shown in the production withdrawal table are estimates based on historic and/or projected distribution of pumpage, and are for water use inventory and impact analysis purposes only. The quantities listed for this individual source are not intended to dictate the distribution of pumpage from permitted sources. The Permittee may make adjustments in pumpage distribution as necessary up to 648,000 gallons per day on both an average and a peak monthly basis for the individual well, so long as adverse environmental impacts do not result and the Permittee complies with all other conditions of this Permit.

The average day and peak monthly quantity for District ID No. 52, Permittee ID No. RO-1E, shown in the production withdrawal table are estimates based on historic and/or projected distribution of pumpage, and are for water use inventory and impact analysis purposes only. The quantities listed for

this individual source are not intended to dictate the distribution of pumpage from permitted sources. The Permittee may make adjustments in pumpage distribution as necessary up to 720,000 gallons per day on both an average and a peak monthly basis for the individual well, so long as adverse environmental impacts do not result and the Permittee complies with all other conditions of this Permit.

The average day and peak monthly quantities for District ID Nos. 65 and 80, Permittee ID Nos. RO-1A and RO-7AW, shown in the production withdrawal table are estimates based on historic and/or projected distribution of pumpage, and are for water use inventory and impact analysis purposes only. The quantities listed for these individual sources are not intended to dictate the distribution of pumpage from permitted sources. The Permittee may make adjustments in pumpage distribution as necessary up to 792,000 gallons per day on both an average basis and a peak monthly basis for the individual wells, so long as adverse environmental impacts do not result and the Permittee complies with all other conditions of this Permit.

The average day and peak monthly quantities for District ID Nos. 50, 54, 55, 56, 57, 77, 78 and 79, Permittee ID Nos. RO-8, RO-2E, RO-3E, RO-4E, RO-5E, RO-6E, RO-7E and RO-8E, shown in the production withdrawal table are estimates based on historic and/or projected distribution of pumpage, and are for water use inventory and impact analysis purposes only. The quantities listed for these individual sources are not intended to dictate the distribution of pumpage from permitted sources. The Permittee may make adjustments in pumpage distribution as necessary up to 936,000 gallons per day on both an average basis and a peak monthly basis for the individual wells, so long as adverse environmental impacts do not result and the Permittee complies with all other conditions of this Permit.

In all cases, the total average annual daily and the total peak monthly daily quantities are limited to 6,864,000 gpd and 8,240,000 gpd, respectively, for the combined withdrawals at the City's wellfields. (221)

3. The Permittee shall construct the proposed wells according to the surface diameter and casing depth specifications below. The casing shall be continuous from land surface to the minimum depth stated and is specified to prevent the unauthorized interchange of water between different water bearing zones. If a total depth is listed below, this is an estimate, based on best available information, of the depth at which high producing zones are encountered. However, it is the Permittee's responsibility to have the water in the well sampled during well construction, before reaching the estimated total depth. Such sampling is necessary to ensure that the well does not encounter water quality that cannot be utilized by the Permittee, and to ensure that withdrawals from the well will not cause salt-water intrusion. All depths given are in feet below land surface. For Well Construction requirements see Exhibit B, Well Construction Instructions, attached to and made part to this permit.

District ID No. 79, Permittee ID No. RO-8E, having a surface diameter of 14 inches, with a minimum casing depth of 220 feet, drilled to an estimated total depth of 320 feet. (240)

4. The District reserves the right to set sulfate and TDS concentration limits on any production well in the future, based on data collected and after a sufficient data base has been established to determine limits. These limits shall be required after discussions with the Permittee. At such time as the concentration in any water sample reaches or exceeds the designated concentration limits, the Permittee shall take appropriate action to reduce concentrations to below those set for the particular well. If the District determines that long-term upward trends or other significant water quality changes are occurring, the District may reconsider the quantities permitted. (276)
5. Upon permit issuance, the Permittee shall implement the Wellfield Management Plan (the Plan) as submitted to the District on November 4, 2008. The Plan is hereby incorporated by reference into this Water Use Permit. Where the Special Conditions of the Permit deviate from the Plan, the conditions of the Permit shall supersede the Plan. The District reserves the right to require modification of the Plan as necessary to protect the resource. Such modifications will only occur after discussion and consultation with the Permittee. The Permittee may also request modification to the Wellfield Management Plan in writing. Such requested modification shall require written approval from the Tampa Water Use Permit Bureau Chief. If the District determines that significant adverse impacts are occurring due to withdrawals, the District may reconsider the quantities permitted. (311)
6. The Permittee shall submit an Annual Wellfield Report that is a comprehensive but concise assessment of the water resources of the wellfield area based on the subject areas listed below. This report shall

concisely summarize the elements listed below, with emphasis on the interactions between these elements, where appropriate. Data sources shall be referenced, but no raw data shall be included in the report. Only essential text, graphs, and tables should be included in the report. Reports shall be submitted to the Water Use Permit Bureau, by April 15 of each year. Any color part of the report that is scanned shall be scanned in color. The report shall cover all activities and conditions pertaining to the Intracoastal and Eastern wellfields and service area for the preceding water year (October 1 to September 30). The specific elements of this report are listed below:

- A. Water Use. Pumpage quantity and water distribution information collected for the Pumpage Reporting condition of this permit shall be summarized for the annual reporting period. A population estimate for the annual reporting period, which includes only those served by the municipal system within the service area, shall be provided and referenced. The quantities of water delivered to and used within the Permittee's service area over the annual reporting period shall be used with the population estimate to determine a per capita use for the period. The report should also include information regarding any quantities of water received from interconnections to any sources of water other than the Permittee's wellfields. The per capita rate shall be calculated as defined in Chapter 40D-2, Water Use Permitting Rules, F.A.C., Basis of Review. Any changes to the service area boundaries shall be described and plotted on a map. An overview of the wellfield rotation for the previous 12-months (i.e., which wells were used more, which wells were used less, and reasons for doing same, future changes or modifications to the wellfield rotation plan due to the yield from the various wells, future annexation sites, potential future production well sites, etc.).
- B. Chloride Concentration Guidance and Trigger Levels. The Permittee shall summarize compliance with, and any events related to, the chloride concentration guidance and trigger levels component of the Wellfield Management Plan in the annual report.
- C. Water Quality Sampling. Water quality samples collected for the Water Quality Sampling condition of this permit shall be summarized for the annual reporting period and the period of record. The report should delineate areas of concern with respect to changing water quality, changes in water quality specifically in zones PZ-2 and PZ-3, any shift in the fresh/saltwater interface (horizontally or vertically), or other trends which have occurred.
- D. Domestic Monitoring. Domestic water quality monitoring required for the Domestic Monitor Well Monitoring Network condition of this permit shall be summarized for the annual reporting period. The report should delineate areas of concern with respect to any water quality trends identified, any changes with respect to the number or location of wells included within the program, or other information which may be deemed appropriate in order to protect the availability and quality of the resource.
- E. Water Level Monitoring. Water levels collected for the Water Level Monitoring condition of this permit shall be summarized for the annual reporting period. The report should delineate any areas of concern with respect to water levels within the aquifers monitored, changes in sampling locations, number of wells included in the program, etc., or any other information which may be deemed appropriate in order to protect the resource.
- F. Hydrologic Analyses. Statistical trend analysis, such as double-mass curve analysis, multiple linear regression, time series analysis, and factor analysis shall be performed for the annual reporting period and the period of record to analyze the interactions of rainfall and pumpage on changes in water quality or water levels. A brief summary of any recommended changes to the monitoring requirements shall be provided.
- G. Capital Improvement Program Status. For the annual reporting period, a summary of completed water supply system improvements shall be provided. In addition, an update to any documented system weaknesses or anticipated system improvements shall be described.
- H. Water Treatment Efficiency. A description of efforts to improve water treatment efficiency shall be included. This shall include good faith efforts undertaken in its infrastructure planning and implementation efforts. Opportunities during the prior year to replace water treatment-related infrastructure, including items such as change-outs to pressure vessels, piping, racks (skids), and treatment membrane elements shall be discussed.(524)

7. The Permittee shall comply with the Chloride Guidance Levels for production wells and the Chloride Trigger Levels for monitor wells as described in the Plan that is incorporated by reference into this WUP. Information regarding compliance with chloride concentration trigger and guidance levels established in this permit shall be summarized in the annual report.
(559)
8. Any wells not in use, and in which pumping equipment is not installed shall be capped or valved in a water tight manner in accordance with Chapter 62-532.500, F.A.C.(568)
9. The Permittee shall submit a copy of the well completion reports to the District's Water Use Permit Bureau, within 30 days of each well completion.(583)
10. Beginning January 1, 2012, the Permittee shall comply with the following requirements:
- A. Customer billing period usage shall be placed on each utility-metered, customer's bill.
 - B. Meters shall be read and customers shall be billed no less frequently than bi-monthly.
 - C. The following information, as applicable to the customer, shall be provided at least once each calendar year and a summary of the provisions shall be provided to the District annually as described in Section D, below. The information shall be provided by postal mailings, bill inserts, online notices, on the bill or by other means. If billing units are not in gallons, a means to convert the units to gallons must be provided.
 1. To each utility-metered customer in each customer class - Information describing the rate structure and shall include any applicable:
 - a. Fixed and variable charges,
 - b. Minimum charges and the quantity of water covered by such charges,
 - c. Price block quantity thresholds and prices,
 - d. Seasonal rate information and the months to which they apply, and
 - e. Usage surcharges
 2. To each utility-metered single-family residential customer - Information that the customer can use to compare its water use relative to other single-family customers or to estimate an efficient use and that shall include one or more of the following:
 - a. The average or median single-family residential customer billing period water use calculated over the most recent three year period, or the most recent two year period if a three year period is not available to the utility. Data by billing period is preferred but not required.
 - b. A means to calculate an efficient billing period use based on the customer's characteristics, or
 - c. A means to calculate an efficient billing period use based on the service area's characteristics.
 - D. Annual Report: The following information shall be submitted to the District annually by October 1 of each year of the permit term to demonstrate compliance with the requirements above. The information shall be current as of the October 1 submittal date.
 1. Description of the current water rate structure (rate ordinance or tariff sheet) for potable and non-potable water.
 2. Description of the current customer billing and meter reading practices and any proposed changes to these practices (including a copy of a bill per A above).
 3. Description of the means the permittee uses to make their metered customers aware of rate structures, and how the permittee provides information their metered single-family residential customers can use to compare their water use relative to other single-family customers or estimate an efficient use (see C 1 & 2 above).
(592)
11. This Permit is located within the Southern Water Use Caution Area (SWUCA). Pursuant to Section 373.0421, Florida Statutes, the SWUCA is subject to a minimum flows and levels recovery strategy, which became effective on January 1, 2007. The Governing Board may amend the recovery strategy, including amending applicable water use permitting rules based on an annual assessment of water resource criteria, cumulative water withdrawal impacts, and on a recurring five-year evaluation of the status of the recovery strategy up to the year 2025 as described in Chapter 40D-80, Florida Administrative Code. This Permit is subject to modification to comply with new rules.(652)
12. The Permittee shall maintain a water conserving rate structure for the duration of the permit term. Any changes to the water conserving rate structure described in the application shall be described in detail as a component of the next Annual Report on Water Rate, Billing and Meter Reading Practices of the year following the change.(659)

13. The Permittee shall submit a "Public Supply Annual Report" to the District by April 1 of each year on their water use during the preceding calendar year using the form, "Public Supply Water Use Annual Report Form" (Form No. LEG-R.103.00 (05/14)), referred to in this condition as "the Form," and all required attachments and documentation. The Permittee shall adhere to the "Annual Report Submittal Instructions" attached to and made part of this condition in Exhibit B. The Form addresses the following components in separate sections.

Per Capita Use Rate

A per capita rate for the previous calendar year will be calculated as provided in Part A of the Form using Part C of the Form to determine Significant Use deduction that may apply. Permittees that cannot achieve a per capita rate of 150 gpd according to the time frames included in the "Instructions for Completion of the Water Use Annual Report," shall include a report on why this rate was not achieved, measures taken to comply with this requirement, and a plan to bring the permit into compliance.

Residential Use

Residential use shall be reported in the categories specified in Part B of the Form, and the methodology used to determine the number of dwelling units by type and their quantities used shall be documented in an attachment.

Non-Residential Use

Non-residential use quantities provided for use in a community but that are not directly associated with places of residence, as well as the total water losses that occur between the point of output of the treatment plant and accountable end users, shall be reported in Part B of the Form.

Water Conservation

In an attachment to the Form, the Permittee shall describe the following:

1. Description of any ongoing audit program of the water treatment plant and distribution systems to address reductions in water losses.
2. An update of the water conservation plan that describes and quantifies the effectiveness of measures currently in practice, any additional measures proposed to be implemented, the scheduled implementation dates, and an estimate of anticipated water savings for each additional measure.
3. A description of the Permittees implementation of water-efficient landscape and irrigation codes or ordinances, public information and education programs, water conservation incentive programs, identification of which measures and programs, if any, were derived from the Conserve Florida Water Conservation Guide, and provide the projected costs of the measures and programs and the projected water savings.

Water Audit

If the current water loss rate is greater than 10% of the total distribution quantities, a water audit as described in the "Instructions for Completion of the Water Use Annual Report" shall be conducted and completed by the following July 1, with the results submitted by the following October 1. Indicate on Part A of the Form whether the water audit was done, will be done, or is not applicable.

Alternative Water Supplied Other Than Reclaimed Water

If the Permittee provides Alternative Water Supplies other than reclaimed water (e.g., stormwater not treated for potable use) to customers, the information required on Part D of the Form shall be submitted along with an attached map depicting the areas of current Alternative Water Use service and areas that are projected to be added within the next year.

Suppliers of Reclaimed Water

1. Permittees having a wastewater treatment facility with an annual average design capacity equal to or greater than 100,000 gpd:

The Permittee shall submit the "SWFWMD Annual Reclaimed Water Supplier Report" on quantities of reclaimed water that was provided to customers during the previous fiscal year (October 1 to September 30). The report shall be submitted in Excel format on the Compact Disk, Form No. LEG-R.026.00 (05/09), that will be provided annually to them by the District. A map depicting the area of reclaimed water service that includes any areas projected to be added within the next year, shall be submitted with this report.

2. Permittees that have a wastewater treatment facility with an annual average design capacity less than 100,000 gpd:

- a. The Permittee has the option to submit the "SWFWMD Annual Reclaimed Water Supplier Report," Form No. LEG-R.026.00, as described in sub-part (1) above, or
- b. Provide information on reclaimed water supplied to customers on Part E of the Form as described in the "Instructions for Completion of the Water Use Annual Report".

Updated Service Area Map

If there have been changes to the service area since the previous reporting period, the Permittee shall update the service area using the map that is maintained in the District's Mapping and GIS system. (660)

- 14. Permittees having their own wastewater treatment plant that generate at least advanced-secondary treated effluent (high-level disinfection, as described in Rule 62-600.440(5), F.A.C.) to the minimum FDEP requirements for public access reuse shall respond in a timely manner to inquiries about availability from water use permit applicants for water uses where such reclaimed water is appropriate. If reclaimed water is or will be available to that permit applicant within the next six years, the Permittees shall provide a cost estimate for connection to the applicant.(674)
- 15. The following proposed withdrawal facilities shall be metered within 90 days of completion of construction of the facilities: District ID No(s). 79, Permittee ID No(s). RO-8E. Monthly meter reading and reporting, as well as meter accuracy checks every five years shall be in accordance with instructions in Exhibit B, Metering Instructions, attached to and made part of this permit.(718)
- 16. The following withdrawal facilities shall continue to be maintained and operated with existing, non-resettable, totalizing flow meter(s) or other measuring device(s) as approved by the Water Use Permit Bureau Chief: District ID No(s). 33, 34, 35, 49, 50, 52, 54, 55, 56, 57, 65, 77, 78 and 80, Permittee ID No(s). RO-2, RO-3, RO-4, RO-2A, RO-8, RO-1E, RO-2E, RO-3E, RO-4E, RO-5E, RO-1A, RO-6E, RO-7E and RO-7AW. Monthly meter reading and reporting, as well as meter accuracy checks every five years shall be in accordance with instructions in Exhibit B, Metering Instructions, attached to and made part of this permit.(719)
- 17. Water quality samples from monitor sites listed below shall be collected as described in the Wellfield Management Plan documents submitted on March 12, 2020, in support of the permit application for the water use and analyzed for the parameter(s) indicated at the frequency specified in the table below. For analysis and submittal requirements see Exhibit B, Water Quality Sampling Instructions, attached to and made part of this permit.

District ID Nos. 37,53, 58, 60, 61, 62, 63, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112 and 113 Permittee ID Nos. RO-6, OBW-1, OBW-2, IM-1, SM-2, SM-1, SM-3, Island-1, Island-2, Island-3-PZ-2, Island-3-PZ-3, AFR-PZ-2, AFR-PZ-3, EWF-N, EWF-E, SG PZ3A, SG PZ3B, SG PZ2 and SG PZ1 for chlorides, sulfates and TDS, on a monthly basis.(751)

- 18. Water quality samples from the withdrawal points listed below shall be collected after pumping the withdrawal point at its normal rate for a pumping time specified below, or to a constant temperature, pH, and conductivity. The frequency of sampling per water quality parameter is listed in the table according to the withdrawal point. The recording and reporting shall begin according to the first sample date for existing wells and shall begin within 90 days of completion of any proposed wells. Samples shall be collected whether or not the well is being used unless infeasible. If sampling is infeasible, the Permittee shall indicate the reason for not sampling on the water quality data form or in the space for comments in the WUP Portal for data submissions. For sampling, analysis and submittal requirements see Exhibit B, Water Quality Sampling Instructions, attached to and made part of this permit.

Existing District ID Nos. 33, 34, 35, 49, 50, 52, 54, 55, 56, 57, 65, 77, 78 and 80 Permittee ID Nos. RO-2, RO-3, RO-4, RO-2A, RO-8, RO-7, RO-1E, RO-2E, RO-3E, RO-4E, RO-5E, RO-1A, RO-6E, RO-7E and RO-7AW for chlorides, sulfates and TDS, after a minimum pumping time of 40 minutes, on a monthly basis.

Proposed District ID No. 79, Permittee ID No. RO-8E, for chlorides, sulfates and TDS, after a minimum pumping time of 40 minutes, on a monthly basis, with first analyzed sample due within 90 days of completion of the withdrawal point or per the first reporting period as given in Exhibit B after completion of the monitor site.

(752)

19. Water quality samples shall be collected during reverse air drilling of the ground water wells listed below for the parameters and at the depth intervals specified below. Other appropriate methods of drilling that allow representative samples for each depth specified below to be collected may be used with prior approval by the Regulation Department Director, Resource Regulation. The Permittee's sampling procedure shall follow the handling and chain of custody procedures designated by the certified laboratory which will undertake the analysis. The results of the sampling program shall be due within 30 days of the completion of the construction of the well. For sampling, analysis and submittal requirements, see Exhibit B, attached to and made part of this permit.

District ID No. 79, Permittee ID No. RO-8E for chlorides, sulfates, and TDS, at intervals of 10 feet or less, from the bottom of casing to a maximum depth of 5 feet above the bottom of the well.

(753)

20. A. The Permittee shall continue to maintain the monitor well(s) or piezometer(s) listed below, monitor water levels, and report them to the District at the frequency listed for the interval, aquifer system, or geologic formation listed. Water levels shall be recorded relative to National Geodetic Vertical Datum 1929 and to the maximum extent possible, recorded on a regular schedule: same time each day, same day each week, same week each month as appropriate to the frequency noted. The readings shall be reported online via the WUP Portal at the District website (www.watermatters.org) or mailed in hardcopy on District-provided forms to the Water Use Permit Bureau on or before the tenth day of the following month. The frequency of recording may be modified by the Water Use Permit Bureau Chief, as necessary to ensure the protection of the resource. The Permittee shall have the elevation of the measuring point on each well listed surveyed to the specified datum, and a copy of the certified survey report for the wells listed shall be included with the first data submittal.

District ID No. 113, Permittee ID No. 113 to monitor PZ-1 (Intermediate Aquifer System) on a monthly basis.

District ID Nos. 38, 102, 103, 104, 106, 108 and 109, Permittee ID Nos. 38, Island-1, Island-2, Island-3-PZ-2, AFR-PZ-2, EWF-N and EWF-E, to monitor PZ-2 (Intermediate Aquifer System) on a monthly basis.

District ID Nos. 37, 60, 105, 107, 110 and 111, Permittee ID Nos. RO-6, IM-1, Island-3-PZ3, AFR-PZ-3, SG PZ3A and SG PZ3B, to monitor PZ-3 (Intermediate Aquifer System) on a monthly basis.

District ID No. 58, Permittee ID No. OBW-2, to monitor the Upper Floridan Aquifer on a monthly basis.

B. Water level data and changes to recording frequency during the annual reporting period shall be summarized in the annual wellfield report.

(756)

21. The compliance per capita daily water use rate shall be no greater than 90.3 gallons per day (gpd). The Permittee shall calculate the compliance per capita rate as described in the Annual Report Condition on this permit and shall submit the calculations with the Annual Report by April 1 of each year.

If the compliance per capita rate is greater than 90.3 gpd, the Permittee shall submit a report that documents why this rate was exceeded, measures previously or currently taken to reduce their compliance per capita rate, and a plan that describes additional measures and implementation dates for those measures to bring their compliance per capita rate to or below 90.3 gpd. This report shall be submitted with the Annual Report by April 1 for each year the compliance per capita rate exceeds 90.3 gpd. This report is subject to District approval. Justification for exceeding the adjusted gross per capita rate does not constitute a waiver of the District's authority to enforce the terms and conditions of the permit.

(767)

22. The Permittee shall undertake wellfield rotation as described in the Plan, and shall incorporate District ID No. 79, Permittee ID No. RO-8E, into the Plan upon placing this production well into full service. The Permittee will also continue to evaluate the potential need for dispersion of pumpage to decrease any

adverse effects of wellfield pumpage on water quality as identified according to the Wellfield Management Plan. The Permittee will also exercise good faith in negotiating additional production well sites on future annexed parcels east of Pinebrook Road for potential wellfield dispersion purposes. The Permittee shall also continue to exercise good faith in negotiating additional monitor well sites on future annexed parcels.(990)

23. The Permittee will continue to monitor water quality at the domestic wells identified in the Wellfield Management Plan. At a minimum, samples will be collected on an annual basis for laboratory analysis of chlorides, sulfates and TDS. The information obtained through the domestic monitor well monitoring network shall be used in the event that a water quality related complaint is received by the District or the Permittee, to determine if pumpage from the wellfields is responsible for a change in water quality, or if the Permittee has requested a modification of the chloride concentration trigger levels. Results of the annual sampling of domestic wells shall be included in the Permittee's annual wellfield report.(991)
24. Within 90 days of completion of production well DID No. 79, the Permittee shall submit a report summarizing the water quality, water levels, step-drawdown analysis, bacterial analysis, and any other information collected by the Permittee (pump and well specifications, video logs, etc.).(992)
25. The Permittee is encouraged to demonstrate that beneficial reuse of treated effluent is maximized so that 50% or more of the total annual treated effluent flow is beneficially reused. The calculation of the percentage beneficially reused will be based on the Permittee's wastewater treatment plants that have a capacity of 0.5 million gallons per day or greater. Beneficial reuse includes:
 - A. Landscape irrigation of golf courses, playing fields, cemeteries, parks, playgrounds, school yards, retail nurseries and commercial, industrial and residential properties.
 - B. Agricultural irrigation of food, fiber, fodder and seed crops, wholesale nurseries, "cut flowers," sod farms and improved pastures.
 - C. Groundwater recharge where such recharge results in environmental or water supply benefit.
 - D. Industrial uses for cooling water, process water and wash waters.
 - E. Wetlands restoration.
 - F. Fire protection.
 - G. Environmental enhancement, including discharges to surface waters to replace withdrawals.
 - H. Other useful purposes accepted by the District or allowed under a DEP permit pursuant to Chapter 62-610, F.A.C.(993)
26. By January 1, 2028, the Permittee shall complete a detailed study for District approval regarding the technical, environmental, and economic feasibility of increasing current reverse osmosis water treatment efficiency rates (i.e., increased recovery rates). The goal of the study will be to assess the necessary steps, costs, and potential outcomes related to increasing water treatment efficiency to the highest degree feasible, with a target efficiency of 75% or greater by the end of the permit duration. The study shall include:
 - A. Review and analysis of source water chemistry and treatment issues such as precipitation of elevated concentrations of calcium carbonate, calcium sulfate, and other elements that could cause irreversible fouling and damage to the membranes.
 - B. Review and analysis of new membrane separation and other technologies that have emerged since the Permittee last invested in its current water quality treatment system, including the use of improved scale inhibitors and new membrane technologies.
 - C. Modeling and full scale testing necessary to determine technical feasibility.
 - D. An assessment of how increases in treatment efficiency will affect the Permittee's ability to continue its existing surface water discharge under its current National Pollution Discharge Elimination System (NPDES) permit, or whether a modified NPDES permit could be attained for such discharges.
 - E. Identification of whether a feasible opportunity exists to dispose of RO concentrate through a deep injection well (in the event that surface discharges would no longer be permissible as determined under item "D"). This should include an exploration of opportunities to partner with other nearby local governments in sharing existing or new deep injection wells.
 - F. An assessment of anticipated infrastructure and labor costs necessary to achieve an increase in water treatment efficiency and the approximate timeframe required for implementation.

The report will describe and detail pertinent economic, technical and environmental considerations that contribute to the Permittee's determination of feasibility. Should it be determined that it is feasible to

increase the water treatment efficiency, the Permittee shall identify the anticipated treatment efficiency rate and provide a proposed schedule for implementation.

Nothing in this condition is intended to preclude the Permittee from requesting District cooperative funding for the feasibility study described above.(994)

40D-2
Exhibit A

WATER USE PERMIT STANDARD CONDITIONS

1. With advance notice to the Permittee, District staff with proper identification shall have permission to enter, inspect, collect samples, take measurements, observe permitted and related facilities and collect and document any information deemed necessary to determine compliance with the approved plans, specifications and conditions of this permit. The Permittee shall either accompany District staff onto the property or make provision for access onto the property.
2. When necessary to analyze impacts to the water resource or existing users, the District shall require the Permittee to install flow metering or other measuring devices to record withdrawal quantities and submit the data to the District.
3. A District identification tag shall be prominently displayed at each withdrawal point that is required by the District to be metered or for which withdrawal quantities are required to be reported to the District, by permanently affixing the tag to the withdrawal facility.
4. The Permittee shall mitigate any adverse impact to environmental features or offsite land uses as a result of withdrawals. When adverse impacts occur or are imminent, the District shall require the Permittee to mitigate the impacts. Examples of adverse impacts include the following:
 - A. Significant reduction in levels or flows in water bodies such as lakes, impoundments, wetlands, springs, streams or other watercourses; or
 - B. Damage to crops and other vegetation causing financial harm to the owner; and
 - C. Damage to the habitat of endangered or threatened species.
5. The Permittee shall mitigate any adverse impact to existing legal uses caused by withdrawals. When adverse impacts occur or are imminent, the District may require the Permittee to mitigate the impacts. Adverse impacts include:
 - A. A reduction in water levels which impairs the ability of a well to produce water;
 - B. Significant reduction in levels or flows in water bodies such as lakes, impoundments, wetlands, springs, streams or other watercourses; or
 - C. Significant inducement of natural or manmade contaminants into a water supply or into a usable portion of an aquifer or water body.
6. Permittee shall notify the District in writing within 30 days of any sale, transfer, or conveyance of ownership or any other loss of permitted legal control of the Project and / or related facilities from which the permitted consumptive use is made. Where Permittee's control of the land subject to the permit was demonstrated through a lease, the Permittee must either submit documentation showing that it continues to have legal control or transfer control of the permitted system / project to the new landowner or new lessee. All transfers of ownership are subject to the requirements of Rule 40D-1.6105, F.A.C. Alternatively, the Permittee may surrender the consumptive use permit to the District, thereby relinquishing the right to conduct any activities under the permit.
7. All withdrawals authorized by this WUP shall be implemented as conditioned by this permit, including any documents submitted as part of the permit application incorporated by reference in a permit condition. This permit is subject to review and modification, enforcement action, or revocation, in whole or in part, pursuant to Section 373.136 or 373.243, F.S.
8. This permit does not convey to the Permittee any property rights or privileges other than those specified herein, nor relieve the Permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.
9. The Permittee shall cease or reduce surface water withdrawal as directed by the District if water levels in lakes fall below the applicable minimum water level established in Chapter 40D-8, F.A.C., or rates of flow in streams fall below the minimum levels established in Chapter 40D-8, F.A.C.
10. The Permittee shall cease or reduce withdrawal as directed by the District if water levels in aquifers fall below the minimum levels established by the Governing Board.

11. A Permittee may seek modification of any term of an unexpired permit. The Permittee is advised that section 373.239, F.S., and Rule 40D-2.331, F.A.C., are applicable to permit modifications.
12. The Permittee shall practice water conservation to increase the efficiency of transport, application, and use, as well as to decrease waste and to minimize runoff from the property. At such time as the Governing Board adopts specific conservation requirements for the Permittee's water use classification, this permit shall be subject to those requirements upon notice and after a reasonable period for compliance.
13. The District may establish special regulations for Water-Use Caution Areas. At such time as the Governing Board adopts such provisions, this permit shall be subject to them upon notice and after a reasonable period for compliance.
14. Nothing in this permit should be construed to limit the authority of the District to declare a water shortage and issue orders pursuant to chapter 373, F.S. In the event of a declared water shortage, the Permittee must adhere to the water shortage restrictions, as specified by the District. The Permittee is advised that during a water shortage, reports shall be submitted as required by District rule or order.
15. This permit is issued based on information provided by the Permittee demonstrating that the use of water is reasonable and beneficial, consistent with the public interest, and will not interfere with any existing legal use of water. If, during the term of the permit, it is determined by the District that a statement in the application and in the supporting data are found to be untrue and inaccurate, the use is not reasonable and beneficial, in the public interest, or does impact an existing legal use of water, the Governing Board shall modify this permit or shall revoke this permit following notice and hearing, pursuant to sections 373.136 or 373.243, F.S. The Permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.
16. Within the Southern Water Use Caution Area, if the District determines that significant water quantity or quality changes, impacts to existing legal uses, or adverse environmental impacts are occurring, the District, upon reasonable notice to the Permittee, including a statement of facts upon which the District based its determination, may reconsider the quantities permitted or other conditions of the permit as appropriate to address the change or impact, but only after an opportunity for the Permittee to resolve or mitigate the change or impact or to request a hearing.
17. All permits are contingent upon continued ownership or legal control of all property on which pumps, wells, diversions or other water withdrawal facilities are located.

Exhibit B
Instructions

METERING INSTRUCTIONS

The Permittee shall meter withdrawals from surface waters and/or the ground water resources, and meter readings from each withdrawal facility shall be recorded on a monthly basis within the last week of the month. The meter reading(s) shall be reported to the Water Use Permit Bureau on or before the tenth day of the following month for monthly reporting frequencies. For bi-annual reporting, the data shall be recorded on a monthly basis and reported on or before the tenth day of the month following the sixth month of recorded data. The Permittee shall submit meter readings online using the Permit Information Center at www.swfwmd.state.fl.us/permits/epermitting/ or on District supplied scanning forms unless another arrangement for submission of this data has been approved by the District. Submission of such data by any other unauthorized form or mechanism may result in loss of data and subsequent delinquency notifications. Call the Water Use Permit Bureau in Tampa at (813) 985-7481 if difficulty is encountered.

The meters shall adhere to the following descriptions and shall be installed or maintained as follows:

1. The meter(s) shall be non-resettable, totalizing flow meter(s) that have a totalizer of sufficient magnitude to retain total gallon data for a minimum of the three highest consecutive months permitted quantities. If other measuring device(s) are proposed, prior to installation, approval shall be obtained in writing from the Water Use Permit Bureau Chief.
2. The Permittee shall report non-use on all metered standby withdrawal facilities on the scanning form or approved alternative reporting method.
3. If a metered withdrawal facility is not used during any given month, the meter report shall be submitted to the District indicating the same meter reading as was submitted the previous month.
4. The flow meter(s) or other approved device(s) shall have and maintain an accuracy within five percent of the actual flow as installed.
5. Meter accuracy testing requirements:
 - A. For newly metered withdrawal points, the flow meter installation shall be designed for inline field access for meter accuracy testing.
 - B. The meter shall be tested for accuracy on-site, as installed according to the Flow Meter Accuracy Test Instructions in this Exhibit B, every five years in the assigned month for the county, beginning from the date of its installation for new meters or from the date of initial issuance of this permit containing the metering condition with an accuracy test requirement for existing meters.
 - C. The testing frequency will be decreased if the Permittee demonstrates to the satisfaction of the District that a longer period of time for testing is warranted.
 - D. The test will be accepted by the District only if performed by a person knowledgeable in the testing equipment used.
 - E. If the actual flow is found to be greater than 5% different from the measured flow, within 30 days, the Permittee shall have the meter re-calibrated, repaired, or replaced, whichever is necessary. Documentation of the test and a certificate of re-calibration, if applicable, shall be submitted within 30 days of each test or re-calibration.
6. The meter shall be installed according to the manufacturer's instructions for achieving accurate flow to the specifications above, or it shall be installed in a straight length of pipe where there is at least an upstream length equal to ten (10) times the outside pipe diameter and a downstream length equal to two (2) times the outside pipe diameter. Where there is not at least a length of ten diameters upstream available, flow straightening vanes shall be used in the upstream line.
7. Broken or malfunctioning meter:
 - A. If the meter or other flow measuring device malfunctions or breaks, the Permittee shall notify the District within 15 days of discovering the malfunction or breakage.
 - B. The meter must be replaced with a repaired or new meter, subject to the same specifications given above, within 30 days of the discovery.
 - C. If the meter is removed from the withdrawal point for any other reason, it shall be replaced with another meter having the same specifications given above, or the meter shall be reinstalled within 30 days of its removal from the withdrawal. In either event, a fully functioning meter shall not be off the withdrawal point for more than 60 consecutive days.
8. While the meter is not functioning correctly, the Permittee shall keep track of the total amount of time the withdrawal point was used for each month and multiply those minutes times the pump capacity (in gallons per minute) for total gallons. The estimate of the number of gallons used each month during that period shall be submitted on District scanning forms and noted as estimated per instructions on the form. If the data is submitted

by another approved method, the fact that it is estimated must be indicated. The reason for the necessity to estimate pumpage shall be reported with the estimate.

9. In the event a new meter is installed to replace a broken meter, it and its installation shall meet the specifications of this condition. The permittee shall notify the District of the replacement with the first submittal of meter readings from the new meter.

FLOW METER ACCURACY TEST INSTRUCTIONS

1. **Accuracy Test Due Date** - The Permittee is to schedule their accuracy test according to the following schedule:

- A. For existing metered withdrawal points, add five years to the previous test year, and make the test in the month assigned to your county.
- B. For withdrawal points for which metering is added for the first time, the test is to be scheduled five years from the issue year in the month assigned to your county.
- C. For proposed withdrawal points, the test date is five years from the completion date of the withdrawal point in the month assigned to your county.
- D. For the Permittee's convenience, if there are multiple due-years for meter accuracy testing because of the timing of the installation and/or previous accuracy tests of meters, the Permittee can submit a request in writing to the Water Use Permit Bureau Chief for one specific year to be assigned as the due date year for meter testing. Permittees with many meters to test may also request the tests to be grouped into one year or spread out evenly over two to three years.
- E. The months for accuracy testing of meters are assigned by county. The Permittee is requested but not required to have their testing done in the month assigned to their county. This is to have sufficient District staff available for assistance.

January	Hillsborough
February	Manatee, Pasco
March	Polk (for odd numbered permits)*
April	Polk (for even numbered permits)*
May	Highlands
June	Hardee, Charlotte
July	None or Special Request
August	None or Special Request
September	Desoto, Sarasota
October	Citrus, Levy, Lake
November	Hernando, Sumter, Marion
December	Pinellas

* The permittee may request their multiple permits be tested in the same month.

2. **Accuracy Test Requirements:** The Permittee shall test the accuracy of flow meters on permitted withdrawal points as follows:

- A. The equipment water temperature shall be set to 72 degrees Fahrenheit for ground water, and to the measured water temperature for other water sources.
- B. A minimum of two separate timed tests shall be performed for each meter. Each timed test shall consist of measuring flow using the test meter and the installed meter for a minimum of four minutes duration. If the two tests do not yield consistent results, additional tests shall be performed for a minimum of eight minutes or longer per test until consistent results are obtained.
- C. If the installed meter has a rate of flow, or large multiplier that does not allow for consistent results to be obtained with four- or eight-minute tests, the duration of the test shall be increased as necessary to obtain accurate and consistent results with respect to the type of flow meter installed.
- D. The results of two consistent tests shall be averaged, and the result will be considered the test result for the meter being tested. This result shall be expressed as a plus or minus percent (rounded to the nearest one-tenth percent) accuracy of the installed meter relative to the test meter. The percent accuracy indicates the deviation (if any), of the meter being tested from the test meter.

3. **Accuracy Test Report:** The Permittees shall demonstrate that the results of the meter test(s) are accurate by submitting the following information within 30 days of the test:

- A. A completed Flow Meter Accuracy Verification Form, Form LEG-R.101.00 (5/14) for each flow meter tested. This form can be obtained from the District's website (www.watermatters.org) under "ePermitting and Rules" for Water Use Permits.

- B. A printout of data that was input into the test equipment , if the test equipment is capable of creating such a printout;
- C. A statement attesting that the manufacturer of the test equipment , or an entity approved or authorized by the manufacturer, has trained the operator to use the specific model test equipment used for testing;
- D. The date of the test equipment’s most recent calibration that demonstrates that it was calibrated within the previous twelve months, and the test lab’s National Institute of Standards and Testing (N.I.S.T.) traceability reference number.
- E. A diagram showing the precise location on the pipe where the testing equipment was mounted shall be supplied with the form. This diagram shall also show the pump, installed meter, the configuration (with all valves, tees, elbows, and any other possible flow disturbing devices) that exists between the pump and the test location clearly noted with measurements. If flow straightening vanes are utilized, their location(s) shall also be included in the diagram.
- F. A picture of the test location, including the pump, installed flow meter, and the measuring device, or for sites where the picture does not include all of the items listed above, a picture of the test site with a notation of distances to these items.

WATER QUALITY INSTRUCTIONS

The Permittee shall perform water quality sampling, analysis and reporting as follows:

- 1. The sampling method(s) from both monitor wells and surface water bodies shall be designed to collect water samples that are chemically representative of the zone of the aquifer or the depth or area of the water body.
- 2. Water quality samples from monitor wells shall be taken after pumping the well for the minimum time specified (if specified) or after the water reaches a constant temperature, pH, and conductivity.
- 3. The first submittal to the District shall include a copy of the laboratory’s analytical and chain of custody procedures. If the laboratory used by the Permittee is changed, the first submittal of data analyzed at the new laboratory shall include a copy of the laboratory’s analytical and chain of custody procedures .
- 4. Any variance in sampling and/or analytical methods shall have prior approval of the Water Use Permit Bureau Chief.
- 5. The Permittee's sampling procedure shall follow the handling and chain of custody procedures designated by the certified laboratory which will undertake the analysis.
- 6. Water quality samples shall be analyzed by a laboratory certified by the Florida Department of Health utilizing the standards and methods applicable to the parameters analyzed and to the water use pursuant to Chapter 64E-1, Florida Administrative Code, “Certification of Environmental Testing Laboratories.”
- 7. Analyses shall be performed according to procedures outlined in the current edition of Standard Methods for the Examination of Water and Wastewater by the American Public Health Association-American Water Works Association-Water Pollution Control Federation (APHA-AWWA-WPCF) or Methods for Chemical Analyses of Water and Wastes by the U.S. Environmental Protection Agency (EPA).
- 8. Unless other reporting arrangements have been approved by the Water Use Permit Bureau Chief, reports of the analyses shall be submitted to the Water Use Permit Bureau, online at the District WUP Portal or mailed in hardcopy on or before the tenth day of the following month. The online submittal shall include a scanned upload of the original laboratory report. The hardcopy submittal shall be a copy of the laboratory’s analysis form . If for some reason, a sample cannot be taken when required, the Permittee shall indicate so and give the reason in the space for comments at the WUP Portal or shall submit the reason in writing on the regular due date .
- 9. The parameters and frequency of sampling and analysis may be modified by the District as necessary to ensure the protection of the resource.
- 10. Water quality samples shall be collected based on the following timetable for the frequency listed in the special condition:

<u>Frequency</u>	<u>Timetable</u>
Weekly	Same day of each week
Quarterly	Same week of February, May, August, November
Semi-annually	Same week of May, November
Monthly	Same week of each month

WELL CONSTRUCTION INSTRUCTIONS

All wells proposed to be constructed shall be drilled and constructed as specified below:

1. All well casing (including liners and/or pipe) must be sealed to the depth specified in the permit condition.
2. The proposed well(s) shall be constructed of materials that are resistant to degradation of the casing/grout due to interaction with the water of lesser quality. A minimum grout thickness of two (2) inches is required on wells four (4) inches or more in diameter.
3. A minimum of twenty (20) feet overlap and two (2) centralizers is required for Public Supply wells and all wells six (6) inches or more in diameter.
4. Any variation from estimated, maximum or minimum total depths; maximum or minimum casing depths; well location or casing diameter specified in the condition requires advanced approval by the Water Use Permit Bureau Chief, or the Well Construction Section Manager.
5. The Permittee is notified that a proposal to significantly change any of these well construction specifications may require permit modification if the District determines that such a change would result in significantly greater withdrawal impacts than those considered for this Permit.
6. The finished well casing depth shall not vary from these specifications by greater than ten (10) percent unless advance approval is granted by the Water Use Permit Bureau Chief, or the Well Construction Section Manager.

ANNUAL REPORT SUBMITTAL INSTRUCTIONS

The "Public Supply Water Use Annual Report Form" (Form No. LEG-R.023.00 (01/09)), is designed to assist the Permittee with the annual report requirements, but the final authority for what must be included in the Water Use Annual Report is in this condition and in these instructions. Two identical copies of the "Public Supply Water Use Annual Report Form" and two identical copies of all required supporting documentation shall be included if submitted in hard copy. "Identical copy" in this instance means that if the original is in color, then all copies shall also be printed in color. If submitted electronically, only one submittal is required; however, any part of the document that is in color shall be scanned in color.

1. **Per Capita Use Rate** - A per capita rate for the previous calendar year will be progressively calculated until a rate of 150 gpd per person or less is determined whether it is the unadjusted per capita, adjusted per capita, or compliance per capita. The calculations shall be performed as shown in Part A of the Form. The Permittee shall refer to and use the definitions and instructions for all components as provided on the Form and in the Water Use Permit Applicant's Handbook Part B. Permittees that have interconnected service areas and receive an annual average quantity of 100,000 gpd or more from another permittee are to include these quantities as imported quantities. Permittees in the Southern Water Use Caution Area (SWUCA) or the Northern Tampa Bay Water Use Caution Area (NTBWUCA), as it existed prior to October 1, 2007, shall achieve a per capita of 150 gpd or less, and those in these areas that cannot achieve a compliance per capita rate of 150 gpd or less shall include a report on why this rate was not achieved, measures taken to comply with this requirement, and a plan to bring the permit into compliance. Permittees not in a Water Use Caution Area that cannot achieve a compliance per capita rate of 150 gpd or less by December 31, 2019 shall submit this same report in the Annual Report due April 1, 2020.
2. **Residential Use** - Residential water use consists of the indoor and outdoor water uses associated with each category of residential customer (single family units, multi-family units, and mobile homes), including irrigation uses, whether separately metered or not. The Permittee shall document the methodology used to determine the number of dwelling units by type and the quantities used. Estimates of water use based upon meter size will not be accepted. If mobile homes are included in the Permittees multi-family unit category, the information for them does not have to be separated. The information for each category shall include:
 - A. Number of dwelling units per category,
 - B. Number of domestic metered connections per category,
 - C. Number of metered irrigation connections,
 - D. Annual average quantities in gallons per day provided to each category, and
 - E. Percentage of the total residential water use provided apportioned to each category.
3. **Non-Residential Use** - Non-residential use consists of all quantities provided for use in a community not directly associated with places of residence. For each category below, the Permittee shall include annual average gpd provided and percent of total non-residential use quantities provided. For each category 1 through 6 below, the number of metered connections shall be provided. These non-residential use categories are:
 - A. Industrial/commercial uses, including associated lawn and landscape irrigation use,

- B. Agricultural uses (e.g., irrigation of a nursery),
 - C. Recreation/Aesthetic, for example irrigation (excluding golf courses) of Common Areas, stadiums and school yards,
 - D. Golf course irrigation,
 - E. Fire fighting, system testing and other accounted uses,-
 - F. K-through-12 schools that do not serve any of the service area population, and
 - G. Water Loss as defined as the difference between the output from the treatment plant and accounted residential water use (B above) and the listed non-residential uses in this section.
4. **Water Audit** - The water audit report that is done because water losses are greater than 10% of the total distribution quantities shall include the following items:
- A. Evaluation of:
 - 1) leakage associated with transmission and distribution mains,
 - 2) overflow and leakage from storage tanks,
 - 3) leakage near service connections,
 - 4) illegal connections,
 - 5) description and explanations for excessive distribution line flushing (greater than 1% of the treated water volume delivered to the distribution system) for potability,
 - 6) fire suppression,
 - 7) un-metered system testing,
 - 8) under-registration of meters, and
 - 9) other discrepancies between the metered amount of finished water output from the treatment plant less the metered amounts used for residential and non-residential uses specified in Parts B and C above, and
 - B. A schedule for a remedial action-plan to reduce the water losses to below 10%.
5. **Alternative Water Supplied other than Reclaimed Water** - Permittees that provide Alternative Water Supplies other than reclaimed water (e.g., stormwater not treated for potable use) shall include the following on Part D of the Form:
- A. Description of the type of Alternative Water Supply provided,
 - B. County where service is provided,
 - C. Customer name and contact information,
 - D. Customer's Water Use Permit number (if any),
 - E. Customer's meter location latitude and longitude,
 - F. Meter ownership information,
 - G. General customer use category,
 - H. Proposed and actual flows in annual average gallons per day (gpd) per customer,
 - I. Customer cost per 1,000 gallons or flat rate information,
 - J. Delivery mode (e.g., pressurized or non-pressurized),
 - K. Interruptible Service Agreement (Y/N),
 - L. Month/year service began, and
 - M. Totals of monthly quantities supplied.
6. **Suppliers of Reclaimed Water** - Depending upon the treatment capacity of the Permittees wastewater treatment plant, the Permittee shall submit information on reclaimed water supplied as follows:
- A. Permittees having a wastewater treatment facility with an annual average design capacity equal to or greater than 100,000 gpd shall utilize the "SWFWMD Annual Reclaimed Water Supplier Report" in Excel format on the Compact Disk, Form No. LEG-R.026.00 (05/09). The "SWFWMD Annual Reclaimed Water Supplier Report" is described in Section 3.1 of Chapter 3, under the subheading "Reclaimed Water Supplier Report" and is described in detail in the Water Use Permit Applicant's Handbook Part B.
 - B. Permittees that have a wastewater treatment facility with an annual average design capacity less than 100,000 gpd can either utilize the "SWFWMD Annual Reclaimed Water Supplier Report," Form No. LEG-R.026.00, as described in sub-part (1) above or provide the following information on Part E of the Form:
 - 1) Bulk customer information:
 - a) Name, address, telephone number,

- b) WUP number (if any),
 - c) General use category (residential, commercial, recreational, agricultural irrigation, mining),
 - d) Month/year first served,
 - e) Line size,
 - f) Meter information, including the ownership and latitude and longitude location,
 - g) Delivery mode (pressurized, non-pressurized).
- 2) Monthly flow in gallons per bulk customer.
 - 3) Total gallons per day (gpd) provided for metered residential irrigation.
 - 4) Disposal information:
 - a) Site name and location (latitude and longitude or as a reference to the service area map),
 - b) Contact name and telephone,
 - c) Disposal method, and
 - d) Annual average gpd disposed.

Darrin W. Herbst, P.G.

Authorized Signature
SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

This permit, issued under the provision of Chapter 373, Florida Statutes and Florida Administrative Code 40D-2, authorizes the Permittee to withdraw the quantities outlined above, and may require various activities to be performed by the Permittee as described in the permit, including the Special Conditions. The permit does not convey to the Permittee any property rights or privileges other than those specified herein, nor relieve the Permittee from complying with any applicable local government, state, or federal law, rule, or ordinance.

Notice of Rights**ADMINISTRATIVE HEARING**

1. You or any person whose substantial interests are or may be affected by the District's intended or proposed action may request an administrative hearing on that action by filing a written petition in accordance with Sections 120.569 and 120.57, Florida Statutes (F.S.), Uniform Rules of Procedure Chapter 28-106, Florida Administrative Code (F.A.C.) and District Rule 40D-1.1010, F.A.C. Unless otherwise provided by law, a petition for administrative hearing must be filed with (received by) the District within 21 days of receipt of written notice of agency action. "Written notice" means either actual written notice, or newspaper publication of notice, that the District has taken or intends to take agency action. "Receipt of written notice" is deemed to be the fifth day after the date on which actual notice is deposited in the United States mail, if notice is mailed to you, or the date that actual notice is issued, if sent to you by electronic mail or delivered to you, or the date that notice is published in a newspaper, for those persons to whom the District does not provide actual notice.
2. Pursuant to Subsection 373.427(2)(c), F.S., for notices of intended or proposed agency action on a consolidated application for an environmental resource permit and use of sovereignty submerged lands concurrently reviewed by the District, a petition for administrative hearing must be filed with (received by) the District within 14 days of receipt of written notice.
3. Pursuant to Rule 62-532.430, F.A.C., for notices of intent to deny a well construction permit, a petition for administrative hearing must be filed with (received by) the District within 30 days of receipt of written notice of intent to deny.
4. Any person who receives written notice of an agency decision and who fails to file a written request for a hearing within 21 days of receipt or other period as required by law waives the right to request a hearing on such matters.
5. Mediation pursuant to Section 120.573, F.S., to settle an administrative dispute regarding District intended or proposed action is not available prior to the filing of a petition for hearing.
6. A request or petition for administrative hearing must comply with the requirements set forth in Chapter 28.106, F.A.C. A request or petition for a hearing must: (1) explain how the substantial interests of each person requesting the hearing will be affected by the District's intended action or proposed action, (2) state all material facts disputed by the person requesting the hearing or state that there are no material facts in dispute, and (3) otherwise comply with Rules 28-106.201 and 28-106.301, F.A.C. Chapter 28-106, F.A.C. can be viewed at www.flrules.org or at the District's website at www.WaterMatters.org/permits/rules.
7. A petition for administrative hearing is deemed filed upon receipt of the complete petition by the District Agency Clerk at the District's Tampa Service Office during normal business hours, which are 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding District holidays. Filings with the District Agency Clerk may be made by mail, hand-delivery or facsimile transfer (fax). The District does not accept petitions for administrative hearing by electronic mail. Mailed filings must be addressed to, and hand-delivered filings must be delivered to, the Agency Clerk, Southwest Florida Water Management District, 7601 Highway 301 North, Tampa, FL 33637-6759. Faxed filings must be transmitted to the District Agency Clerk at (813) 367-9776. Any petition not received during normal business hours shall be filed as of 8:00 a.m. on the next business day. The District's acceptance of faxed petitions for filing is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation, available for viewing at www.WaterMatters.org/about.

JUDICIAL REVIEW

1. Pursuant to Sections 120.60(3) and 120.68, F.S., a party who is adversely affected by District action may seek judicial review of the District's action. Judicial review shall be sought in the Fifth District Court of Appeal or in the appellate district where a party resides or as otherwise provided by law.

2. All proceedings shall be instituted by filing an original notice of appeal with the District Agency Clerk within 30 days after the rendition of the order being appealed, and a copy of the notice of appeal, accompanied by any filing fees prescribed by law, with the clerk of the court, in accordance with Rules 9.110 and 9.190 of the Florida Rules of Appellate Procedure (Fla. R. App. P.). Pursuant to Fla. R. App. P. 9.020(h), an order is rendered when a signed written order is filed with the clerk of the lower tribunal.

APPENDIX B:
Joint Planning and Interlocal Service Boundary Agreement

APPENDIX
JPA/ILSBA

AMENDED AND RESTATED JOINT PLANNING AND INTERLOCAL
SERVICE BOUNDARY AGREEMENT BETWEEN CITY OF VENICE
AND SARASOTA COUNTY

CONTRACT NO: 2011-032
BCC APPROVED 10/13/10

**AMENDED AND RESTATED
JOINT PLANNING AND
INTERLOCAL SERVICE BOUNDARY AGREEMENT
BETWEEN
THE CITY OF VENICE AND
SARASOTA COUNTY**

This Amended and Restated Joint Planning and Interlocal Service Boundary Agreement (the "Agreement") is made and entered into this 26th day of October, 2010, by and between the City of Venice, a municipal corporation organized and existing under the laws of the State of Florida (the "City") and Sarasota County, a charter county and political subdivision of the State of Florida (the "County").

WHEREAS, in January 2007, the City and the County entered into a Joint Planning and Interlocal Service Boundary Agreement; and

WHEREAS, in December 2008, the Joint Planning and Interlocal Service Boundary Agreement was amended by the City and the County; and

WHEREAS, the City and the County desire to amend and restate the Joint Planning and Interlocal Service Boundary Agreement to eliminate certain Potential Annexation Areas, update the maximum densities in the Potential Annexation Areas in a manner consistent with the City's EAR-based amendments to its comprehensive plan, limit the City's ability to annex in a manner that creates enclaves, and to require that annexed areas be compact; and

WHEREAS, the City possesses Municipal Home Rule Powers pursuant to Article VIII, Section 2(b), Florida Constitution, and Section 166.021, Florida Statutes; and

WHEREAS, the County possesses Home Rule powers as a Charter County pursuant to Article

VIII, Section 1(g), Florida Constitution and Section 125.01, Florida Statutes; and

WHEREAS, the Florida Interlocal Cooperation Act of 1969, Section 163.01, Florida Statutes, encourages and empowers local government to cooperate with one another on matters of mutual interest and advantage, and provides for interlocal agreements between local governments on matters such as annexation and joint planning; and

WHEREAS, the Municipal Annexation Or Contraction Act, Chapter 171, Part I, Florida Statutes, and the Interlocal Service Boundary Agreement Act, Chapter 171, Part II, Florida Statutes, recognizes the use of interlocal service boundary agreements and joint planning agreements as a means to coordinate future land use, public facilities and services, and protection of natural resources in advance of annexation; and

WHEREAS, the Local Government Comprehensive Planning and Land Development Regulation Act, Chapter 163, Part II, Florida Statutes, requires that counties and cities include in their respective planning efforts intergovernmental coordination and particularly, mechanisms for identifying and implementing joint, planning areas, especially for the purpose of annexation; and

WHEREAS, the State Comprehensive Plan requires local governments to direct development to those areas which have in place the land and water resources, fiscal abilities and service capacities to accommodate growth in an environmentally acceptable manner; and

WHEREAS, the State Comprehensive Plan requires local governments to protect the substantial investment in public facilities that already exist and to plan for and finance new facilities in a timely, orderly, and efficient manner; and

WHEREAS, the City and the County wish to identify lands that are logical candidates for future annexations, the appropriate land uses and infrastructure needs and provider for such lands, ensure protection of natural resources and to agree on certain procedures for the timely

A-2.

review and processing of development proposals within those areas; and

WHEREAS, the City and the County wish to identify lands within the existing City limits which will be subject to certain procedures and substantive standards during the development review process undertaken by the City; and

WHEREAS, the City and the County wish to identify lands within the unincorporated area of the County which will be subject to certain procedures and substantive standards during the development review process undertaken by the County; and

WHEREAS, the extension of City and County facilities and services can only be provided in prioritized phases if the process and timing of annexation and development review processes for certain designated areas of the City and County are clearly identified and jointly agreed upon in advance of the City and County capital planning, commitment, and expenditure; and

WHEREAS, Subsection 163.3171(3), Florida Statutes, provides for the adoption of joint planning agreements to allow counties and municipalities to exercise jointly the powers granted under the Act; and

WHEREAS, the agreement of the County to waive its rights to contest future annexations within a defined geographic area, pursuant to the conditions provided herein, and refrain from proposing or promoting any Charter amendment that negates the terms and conditions of this Agreement is a material inducement to the City to enter into this Agreement; and

WHEREAS, the agreement of the City to undertake annexation and joint planning efforts in a manner that is coordinated with the County is a material inducement to the County to enter into this Agreement; and

WHEREAS, the City Council of the City, after consultation with its staff, has determined

A-3

that the lands included in the Joint Planning Area described herein may be necessary to reasonably accommodate urban growth projected in the City during the term of this Agreement; and

WHEREAS, the City and the County find that the benefits of intergovernmental communications and coordination will accrue to both Parties, as evidenced by numerous existing Interlocal Agreements; and

WHEREAS, the elected officials of the City and the County have met and negotiated in good faith to resolve issues relating to annexation and joint planning and wish to memorialize their understanding in this Agreement; and

WHEREAS, this Agreement is entered into pursuant to the authority of Article VIII of the Florida Constitution, the Sarasota County Home Rule Charter, the City of Venice Charter, and Chapters, 125, 163, 166 and 171, Florida Statutes (2009).

NOW, THEREFORE, in consideration of the mutual covenants set forth in this Agreement, the receipt and sufficiency of which are hereby acknowledged, the City and the County agree as follows:

1. Incorporation of Preamble. The Preamble above is true and correct and incorporated into this Agreement as if fully set forth herein.
2. Establishment of Joint Planning Area. To establish the means and process by which future annexations and planning activities will be accomplished, the City and the County (the "Parties") hereby establish a Joint Planning Area (JPA), depicted in Exhibit "A," attached hereto and incorporated herein by this reference. All areas specifically delineated, mapped and referenced in the legend on Exhibit A are within the JPA.
3. Limitation on Future Annexations by the City.

A-4

- A. The City will not annex any lands other than those designated as Potential Annexation Areas on Exhibit A hereto during the term of this Agreement. Potential Annexation Areas consist of land likely to be developed for urban purposes under the term of this Agreement and which are therefore appropriate for annexation by the City. Notwithstanding this provision, the County agrees that the City may annex enclaves, as defined in Chapter 171, Florida Statutes, in existence on the date of this Agreement.
- B. The City and County agree that the City shall provide notice to the County within twenty (20) days of receipt of any petition to annex properties within the JPA and include a report confirming consistency of the City's planned service delivery with the terms of this Agreement.
4. County Consent to Annexations by the City. If the annexation ordinances of the City are adopted under the conditions set forth in this Agreement, the County will not challenge, administratively, judicially, or otherwise, any annexations by the City that annex lands within the Potential Annexation Areas unless the annexed property is not contiguous, as defined in Chapter 171, Florida Statutes, to a City boundary, not compact, or cannot be adequately and reasonably served by police and fire services, or is inconsistent with this Agreement.
5. Annexation of Lands Within the JPA: The City may annex lands within the JPA set forth in Exhibit A in accordance with this Agreement upon adoption of the comprehensive plan amendments required to implement this Agreement and upon the City's receipt of a petition for annexation from the persons who own the property proposed to be annexed and the property is contiguous, as defined in Chapter 171, Florida Statutes, to the

municipal boundaries of the city and the area to be annexed is compact. In addition, the City agrees that it will not create new or expanded enclaves within Potential Annexation Areas.

6. Land Use, Infrastructure and Environmental Agreements for Potential Annexation Areas.

A. Process for Incorporating Potential Annexation Areas into City Comprehensive Plan. Future land uses are identified herein and agreed to by the City and County

for each of the areas within the Potential Annexation Areas set forth on Exhibit A.

These future land uses were examined during the City's comprehensive plan update pursuant to the Evaluation and Appraisal Report. During the process to update the comprehensive plan, the City and County agreed on future land use categories for the specific lands in each of the joint planning areas identified below as Potential Annexation Areas. The City adopted the future land uses as an overlay to its comprehensive plan. Specific policies addressing allocations of acreage, density, and intensity of development have been included for each future land use category set forth in Exhibit B. Once in effect, the overlay will serve to govern any future land use map amendments occurring after annexation. Prior to annexation, the County will not revise its future land uses to redesignate any Potential Annexation Area parcels to a use incompatible with the designations set forth in this Agreement or the overlay. The County is under no obligation to change the land use designations for any parcel designated as a Potential Annexation Area and in the event of a change in the land use will apply the land use category which most closely meets the requirements set forth in Paragraph B, below.

A-6

B. Agreements on parcels. The matrix set forth as Exhibit B and the following provisions are applicable to the land uses, water and sewer provider, timing of likely infrastructure availability, transportation improvements and environmental considerations of the areas within the JPA whether they are annexed by the City or are developed within the unincorporated area of the County:

- (1) Area 1 — Rustic Road Neighborhood: The land use adopted in the Venice Comprehensive Plan for Subarea 1 (area abutting I-75 and extending approximately 0.73 mile northward and approximately 0.60 mile eastward of the intersection of I-75 and Cow Pen Slough) is 5 to 9 units per acre, calculated on a gross area basis. The land use adopted for Subarea 2 (area abutting Knights Trail Road and extending approximately 0.75 mile westward of Knights Trail Road) is up to 5 units per acre. Up to 50% of the acreage in Area 1 will be allowable for nonresidential (retail, office space, industrial and manufacturing) uses. The total square footage of non-residential uses allowed in this area shall not exceed a floor area ratio (FAR) of 2.0. Development shall be served by City water and sewer. The Party with jurisdiction over the development application will require transportation improvements to the intersection of Knight's Trail and Rustic Lane to meet County standards and to be provided by the developer.
- (2) Area 2A: - Auburn Road to I-75 Neighborhood: The land use adopted in the Venice Comprehensive Plan for this area is a maximum of 3 units per acre, calculated on a gross acreage basis. Up to 10% of the acreage in Area 2 will be allowable for accessory nonresidential (retail, office, and commercial) uses.

A-7

The square footage of the accessory nonresidential uses allowed in this Area shall not exceed a 0.25 FAR. Development shall be served by City water and sewer.

- (3) Area 2B- 1-75 to Jacaranda Boulevard: The land use adopted in the Venice Comprehensive Plan for Subarea 1 (north of Ewing Drive) is a maximum of 9 units per acre, calculated on a gross acreage basis. The land use adopted for Subarea 2 (south of Ewing Drive and north of Curry Creek) is 13 units per acre, calculated on a gross acreage basis. The land use adopted for Subarea 3 (south of Curry Creek) is 18 units per acre, calculated on a gross acreage basis. Up to 50% of the acreage in this sector will be allowable for nonresidential (retail, office space, industrial and manufacturing) uses. The total square footage of nonresidential uses allowed in this Area shall not exceed a 2.0 FAR. Development shall be served by City water and County sewer. The Party with jurisdiction over the development application shall require that right of way be dedicated by the developer for improvements to Jacaranda Boulevard and be completed with appropriate contributions from the developer consistent with the standards in the County's land development regulations.
- (4) Area 3 — Border Road to Myakka River Neighborhood: The land use adopted in the Venice Comprehensive Plan for Subarea 1 (west of North Jackson Road) is a maximum of 5 units per acre, calculated on a gross area basis. The land use adopted for Subarea 2 (east of North Jackson Road) is a maximum of 3 units per acre, calculated on a gross area basis. Development shall be served by City

water and County sewer. The Party with jurisdiction over the development application shall require that transportation improvements including the extension of Jackson Road from Border Road to Laurel Road as a two-lane facility will be required to be provided by the developer consistent with the standards in the County's land development regulations. The City will support the acquisition of conservation interests in properties along the Myakka River, or where they are not acquired, require a Conservation Easement for annexed properties along the Myakka River.

- (5) Area 4 — South Venice Avenue Neighborhood: The land use adopted in the Venice Comprehensive Plan for this Area is a maximum of 7 units per acre, calculated on a gross acreage basis. Up to 33% of the acreage will be allowable for nonresidential (retail, office and commercial) uses. The square footage of nonresidential uses allowed in this Area shall not exceed a 1.5 FAR. Development shall be served by City water and sewer. Interconnections between City and County water and sewer facilities shall be evaluated. The Party with jurisdiction over the development application shall require necessary transportation improvements including a neighborhood roadway interconnection to Hatchett Creek Boulevard to be provided by the developer.
- (6) Area 5 — Laurel Road Mixed Use Neighborhood: The land use adopted in the Venice Comprehensive Plan for this Area is a maximum of 8 units per acre, calculated on a gross acreage basis. For Subarea 1 (north of the proposed connection between Laurel Road and the proposed Honore Avenue extension),

A-9

up to 33% nonresidential acreage shall be allowed. For Subarea 2 (south of the proposed connection between Laurel Road and the proposed Honore Avenue extension), up to 50% nonresidential acreage shall be allowed. For Subarea 3 (south of Laurel Road), up to 100% nonresidential acreage is allowed. The square footage of nonresidential uses allowed for each subarea shall not exceed a 2.0 FAR. Development shall be served by County water and sewer. The Party with jurisdiction over the development application shall require that transportation improvements shall be consistent with the proposed Pinebrook/ Honore Road Extension alignment as depicted on the County thoroughfare plan and be constructed with appropriate contributions from the developer consistent with the County's land development regulations.

- (7) Area 6 — Pinebrook Road Neighborhood: The land use adopted in the Venice Comprehensive Plan for this Area is a maximum of 3 units per acre, calculated on a gross acreage basis. Nonresidential uses shall not be permitted in this Area. Development shall be served by City water and sewer. The Party with jurisdiction over the development application shall require dedication of right of way for future four-laning of Pinebrook Road if the City and County agree that such an improvement is necessary. The improvement shall be constructed, with appropriate contributions from the developer, consistent with the standards in the County land development regulations.
- (8) Area 7 — Auburn Road Neighborhood: The land use adopted in the Venice Comprehensive Plan for this Area is a maximum of 5 units per acre.

Nonresidential uses shall not be permitted in this Area. Development shall be served by City water and sewer.

- (9) Area 8 — Gulf Coast Boulevard Neighborhood: The maximum residential density adopted in the Venice Comprehensive Plan for this Area shall not exceed 3.5 units per acre, calculated on a gross acreage basis. Development shall be served by City water and sewer.

7. Intergovernmental Review and Coordination.

- A. Coordination of Developments of Extrajurisdictional Impacts. The City and County agree that the impacts of certain development, herein referred to as Developments of Extrajurisdictional Impacts, in close proximity to the municipal boundaries of the City, whether within the City limits or in the unincorporated area of the County, require close coordination between the Parties in order to assure the orderly and efficient provision of public facilities and services and compatibility of land uses.
- B. Developments of Extrajurisdictional Impact, defined. "Development of Extrajurisdictional Impact" shall have the following meaning: any development within the Joint Planning Area set forth on Exhibit A hereto that either results in the creation of more than-twenty-five (25) dwelling units or 25,000 square feet of non-residential building area or the consumption of five percent (5%) of the remaining, available capacity of an affected roadway.
- C. Coordination of County Planning Activity. The County will give the City Planning Director, or designee, written notice of the following matters or applications that relate to Developments of Extrajurisdictional Impacts, as defined above, located

A-11

within the unincorporated area of the County depicted on Exhibit A hereto:

- (1) Comprehensive Plan Amendments;
- (2) Rezonings; or
- (3) Special exceptions.

D. Development Proposals within the City's Jurisdiction. The City will give the County Planning Director, or designee, written notice of the following matters or applications that relate to Developments of Extrajurisdictional Impacts, as defined above, located within the municipal boundaries of the City depicted on Exhibit A hereto:

- (1) Comprehensive Plan Amendments;
- (2) Rezonings; or
- (3) Special exceptions.

E. Process for Coordination of Developments of Extrajurisdictional Impacts. The Parties will adhere to the following process in order to facilitate intergovernmental coordination regarding Developments of Extrajurisdictional Impact:

- (l) Not later than thirty (30) days after receiving the application, and in no event less than thirty (30) days prior to any public hearing on a proposed Development of Extrajurisdictional Impact, the Party with approval authority (the "Approving Party") will transmit the application packet for the proposed development, including all back-up material, to the other Party (the "Reviewing Party").
 - a. The Approving Party will transmit any substantive changes to the application packet made during the review process to the Reviewing

Party within five (5) business days of its receipt by the Approving Party.

- b. The Reviewing Party will transmit comments within twenty (20) working days of receipt of the item(s) listed in subparagraphs C. 1, 2, and 3, and D.1, 2, and 3, above. If the Reviewing Party does not respond in writing within twenty (20) working days, then it is deemed to have no recommended conditions for inclusion in the comprehensive plan amendment, rezoning, or special exception.
- c. The Parties agree to take reasonable steps to facilitate the review process set forth herein.

(2) Agreement to Incorporate Conditions.

- a. The City's recommendation to the City Planning Commission and City Council to approve, approve with conditions, or deny a proposed Development of Extrajurisdictional Impact will set forth all County-proposed stipulations that are based on adopted County standards, neighborhood and community plans, industry standards, or common agreement between the City and County.
- b. The County's recommendation to the County Planning Commission and County Commission to approve, approve with conditions, or deny a proposed Development of Extrajurisdictional Impact will set forth all City-proposed stipulations that are based on adopted City standards, neighborhood and community plans, industry standards, or common agreement between the City and

A-13

County.

F. Approval of Reviewing Party Not Required.

Notwithstanding the provisions set forth in Section 7. E. (2) hereof, unless otherwise specified herein in Paragraphs 6 and 10, the Parties will not construe any provision of this Agreement to require:

- (1) City approval of the County's planning activities or of Developments of Extrajurisdictional Impact within the unincorporated area of the County; or
- (2) County approval of the City's planning activities, or of Developments of Extrajurisdictional Impact within municipal boundaries of the City.

8. Areas of Infrastructure Coordination: Within the JPA as designated on Exhibit A hereto, the Parties agree to coordinate and cooperate with each other to ensure the efficient provision of infrastructure within these areas and will endeavor to achieve parity in the location of public facilities and services. The Parties will investigate possible system interconnections, co-location of facilities and joint financing and construction of regional infrastructure.

9. Alternative Dispute Resolution.

- A. The Parties agree to resolve any dispute related to the interpretation or performance of this Agreement in the manner described in this Section. Either Party may initiate the dispute resolution process by providing written notice to the other Party. Initiation of the dispute resolution process shall operate as a stay of the action which is the subject of the dispute.
- B. Notwithstanding the foregoing, in the event that either Party determines in its sole discretion and good faith that it is necessary to file a lawsuit or other formal challenge in order to meet a jurisdictional time deadline, to obtain a temporary

A-14

injunction, or otherwise to preserve a legal or equitable right, such lawsuit or challenge may be filed, but upon the filing and any other act necessary to preserve the legal or equitable right or to obtain the temporary injunction, the Parties shall thereafter promptly file a joint motion with the reviewing court or administrative law judge requesting that the case be abated in order to afford the Parties an opportunity to pursue the dispute resolution procedures set forth herein. If the abatement is granted, the Parties shall revert to and pursue the dispute resolution procedures set forth herein.

- C. After transmittal and receipt of a notice specifying the areas of disagreement, the Parties agree to meet at reasonable times and places, as mutually agreed upon, to discuss the issues.
- D. If discussions between the Parties fail to resolve the dispute within sixty (60) days of the notice describe in subparagraph A, above, the Parties shall appoint a mutually acceptable neutral third Party to act as a mediator. If the Parties are unable to agree upon a mediator, the City Shall request appointment of a mediator by the Chief Judge of the Circuit Court in and for Sarasota County, Florida. The mediation contemplated by this Section is intended to be an informal and non- adversarial process with the objective of helping the Parties reach a mutually acceptable and voluntary agreement. The decision-making shall rest solely with the Parties. The mediator shall assist the Parties in identifying issues, fostering joint problem-solving, and exploring settlement alternatives.
- E. If the Parties are unable to reach a mediated settlement within ninety (90) days of the mediator's appointment, either Party may terminate the settlement discussions

A-15

by written notice to the other Party.

- F. Either Party must initiate litigation or move to end the abatement specified in Paragraph B, above, within thirty (30) days of the notice terminating the settlement discussions or such action is barred. Resolution by failure to initiate litigation shall not be considered to be acceptance of the interpretation, position or performance of the other Party in any future dispute.
- G. The Parties agree that this dispute resolution procedure satisfies the requirements of Chapter 164, Florida Statutes.

10. Agreement on Additional Substantive Standards and Issues:

In addition to the matters set forth above, the Parties agree to the following additional substantive standards and issues:

- A. Each party agrees that as a part of its review of development applications within the Joint Planning Areas set forth in Exhibit A it will apply its own comprehensive plan policies, land development regulations and methodologies to assess the impacts on the public facilities for which it is financially responsible. In addition, the application will be provided to the other party which will conduct a concurrency review based on its comprehensive plan policies, land development regulations and methodologies to address impacts to public facilities which are its financial responsibility. Any concurrency approval will incorporate the results of both reviews.
- B. Right of way for roadways that are designated as future thoroughfares shall be dedicated to the City or the County or their respective designees, as applicable, and construction and maintenance responsibilities for the roadways will be assigned to development interests unless otherwise mutually agreed by the Parties.

A-16

- C. Any development authorized by the County within an enclave shall be conditioned upon a requirement that development shall connect to City utilities as they become available.
- D. The Parties will evaluate regional water supply sources, interconnections and joint storage facility locations.
- E. The Parties will support protection of the Myakka River corridor through the implementation of the Myakka Wild and Scenic River Management Plan and will prohibit new or increased access of motorized watercraft to the River within the Joint Planning Areas set forth in Exhibit A. Buffers for new developments within the Myakka River Protection Zone shall be a minimum of two hundred twenty (220) feet.
- F. The City commits to continue to participate in development and implementation of the Habitat Conservation Plan with the County.
- G. The Parties agree that the County's Manatee Protection Plan requirements shall apply to the areas of the Myakka River located within the Joint Planning Areas set forth in Exhibit A.
- H. The City agrees to enforce any lawful conditions imposed by the County in conjunction with the issuance of land use and development permits within an annexation area unless and until such conditions are modified, changed and/or deleted through the City's comprehensive plan and land development regulations. The County will serve a consultative role to provide assistance in enforcement action if requested by the City.
- I. The City agrees to use the County land use compatibility principles during the review of each zoning petition for any parcel located within the Joint Planning

Areas set forth on Exhibit A and on properties within the City adjoining such areas.

Within the Coordination and Cooperation Areas set forth on Exhibit A, the County agrees not to revise its future land uses prior to confirmation of compatibility by the City. The land use compatibility reviews referenced above shall include an evaluation of land use density, intensity, character or type of use proposed, and an evaluation of site and architectural mitigation design techniques. Potential incompatibility shall be mitigated through techniques including, but not limited to: (i) providing open space, perimeter buffers, landscaping and berms; (ii) screening of sources of light, noise, mechanical equipment, refuse areas, delivery areas and storage areas; (iii) locating road access to minimize adverse impacts, increased building setbacks, step-down in building heights; and (iv) increasing lot sizes and lower density or intensity of land use.

J. The Parties agree to undertake a review and evaluation of operational and maintenance responsibilities of transportation facilities located within City limits.

K. The Parties agree to cooperate on the preparation and implementation of any neighborhood or community plans within the areas subject to this Agreement.

L. The Parties agree to establish and maintain wildlife corridors and coordinate with the state and federal wildlife agencies when reviewing development proposals within the Joint Planning Areas set forth in Exhibit A.

M. In the event that any modifications to permits of the Southwest Florida Water Management District are necessary to reflect changes in the entity responsible for managing surface water under such permits as a result of annexation, the Parties agree to jointly pursue such amendment within thirty (30) days of the annexation.

A-18

N. For purposes of this Agreement, "Conservation" includes, but is not limited to, wetland and upland habitat protection and management, establishing and maintaining habitat and wildlife corridors, establishing and maintaining environmental buffers, and providing for limited improvements to facilitate passive recreation. Conservation areas shall be designated on master, preliminary and final plans (or their equivalent), and site development plans, and shall be protected in perpetuity.

11. Other Rights and Agreements.

A. Other Rights. Nothing in this Agreement precludes either the City or the County from exercising its rights pursuant to Chapters 380, Florida Statutes, to challenge any regional impact development order.

B. Other Contemporaneous Agreements. The Parties do not intend for this Agreement to amend, modify, supersede, or terminate any other agreement between the City and County in effect as of January 9, 2007.

12. Notice to Parties.

All notices, consents, approvals, waivers, and elections that any Party requests or gives under this Agreement will be in writing and shall be given only by hand delivery for which a receipt is obtained, or certified mail, prepaid with confirmation of delivery requested. Notices will be delivered or mailed to the addresses set forth below or as either Party may otherwise designate in writing.

If to the County:

Sarasota County
Attn: County Administrator
1660 Ringling Blvd.
Sarasota, FL 34236

A-19

If to the City:

City of Venice
Attn: City Manager
401 West Venice Avenue
Venice, FL 34285

Notices, consents, approvals, waivers, and elections will be deemed given when received by the Party for whom intended.

13. Discharge.

This Agreement is solely for the benefit of the City and the County, and no right or cause of action shall accrue upon or by reason hereof, to or for the benefit of any third party. Nothing in this Agreement, either expressed or implied, is intended or shall be construed to confer upon or give any person, corporation or governmental entity other than the Parties any right, remedy or claim under or by reason of this Agreement or any provisions or conditions hereof, and all of the provisions, representations, covenants, and conditions herein contained shall inure to the sole benefit of and shall be binding upon the Parties and their respective representatives, successors and assigns.

14. Validity of Agreement.

The City and the County each represent and warrant to the other its respective authority to enter into this Agreement, acknowledge the validity and enforceability of this Agreement, and waive any future right or defense based on a claim of illegality, invalidity, or unenforceability of any nature. The City hereby represents, warrants and covenants to and with the County that this Agreement has been validly approved by the Venice City Council at a public hearing of the Venice City Council held pursuant to the provisions of Section 163.3171(3), Florida Statutes, and Chapter 171, Part II, Florida Statutes, that it has been fully executed and delivered by the City, that it constitutes a legal, valid and binding

A-20

contract enforceable by the Parties in accordance with its terms, and that the enforceability hereof is not subject to any impairment by the applicability of any public policy or police powers. The County hereby represents, warrants and covenants to and with the City that this Agreement has been validly approved by the Sarasota County Board of County Commissioners at a public hearing of the Board held pursuant to the provisions of Section 163.3171(3), Florida Statutes, that it has been duly executed and delivered by the County, that it constitutes a legal, valid and binding contract enforceable by the Parties in accordance with its terms, and that the enforceability hereof is not subject to any impairment by the applicability of any public policy or police powers.

15. Enforcement.

This Agreement shall be enforceable by the Parties hereto by whatever remedies are available in law or equity, including but not limited to injunctive relief and specific performance.

16. Covenant to Enforce.

If this Agreement or any portion hereof is challenged by any judicial, administrative, or appellate proceeding (each Party hereby covenanting with the other Party not to initiate or acquiesce to such challenge or not to appeal any decision invalidating any portion of this Agreement), the Parties collectively and individually agree, at their individual sole cost and expense, to defend in good faith its validity through to a final judicial determination, unless both Parties mutually agree in writing not to defend such challenge or not to appeal any decision invalidating any portion of this Agreement.

17. Term and Review.

- A. Original Term. This Agreement shall take effect upon its filing with the Clerk of the Circuit Court of Sarasota County and, unless amended or extended in accordance with

its terms, shall expire on June 30, 2032.

- B. Extension: This Agreement shall be automatically extended past the original term for one additional ten (10) year term unless either the City or the County, as the case may be, delivers a notice of non-renewal to the other Party at least one hundred eighty (180) days prior to the expiration of the original term of this Agreement. If it is extended for an additional ten (10) year term, this Agreement shall be automatically extended for one additional five (5) year term unless either the City or the County, as the case may be, delivers a notice of non-renewal to the other Party at least one hundred eighty (180) days prior to the expiration of the ten (10) year extension. A Party delivering such a notice of non-renewal as aforesaid may, in such Party's sole discretion, revoke such notice of non-renewal at any time prior to the expiration date of the original term or any extended term of this Agreement.
 - C. Review. During the comprehensive plan Evaluation and Appraisal Report review process required by Chapter 163, Florida Statutes, each Party will review the terms of this Agreement and consider amendments, as necessary.
 - D. If the law does not allow this Agreement to have the term set forth above, then the term shall be twenty (20) years or the maximum term of years allowed by law, whichever is greater, and at least eighteen (18) months before the expiration of the twenty (20) year term the Parties agree to commence negotiations for another interlocal agreement to govern the matters addressed in this Agreement.
18. 19. Amendment. Amendments may be proffered by either Party at any time. Proposed amendments shall be in writing and must be approved by a majority of the boards of both Parties or shall be considered not adopted.

19. Future Charter Amendments: The Parties agree that in the event the Sarasota County Charter is amended to require a joint planning agreement or similar agreement as a condition for future annexations or to otherwise provide restrictions or conditions on planning, design or regulatory functions and prerogatives currently within the authority of municipalities located in Sarasota County, that this Agreement shall constitute full compliance with such a requirement. The County agrees to provide the City with notice and an opportunity to provide charter amendment language sufficient to accomplish this purpose. During the term of this Agreement, Sarasota County shall not propose or adopt any charter amendment that negates the terms and conditions of this Agreement.
20. Subsequent Legislative Enactments. The Parties agree and covenant, having given and received valuable consideration for the promises and commitments made herein, it is their desire, intent and firm agreement to be bound by and observe the terms of this Agreement wherever such terms are more stringent than those subsequently enacted by the Legislature.
20. Miscellaneous.
- A. Entire Agreement. Except as otherwise set forth herein, this Agreement embodies and constitutes the entire understanding of the Parties with respect to the subject matters addressed herein, and all prior agreements, understandings, representations and statements, oral or written, are superseded by this Agreement.
- B. Governing Law and Venue. The laws of the State of Florida shall govern this Agreement, and venue for any action to enforce the provisions of this Agreement shall be in the Circuit Court of the Twelfth Judicial Circuit of Florida, in and for Sarasota County, Florida.

A-23

- C. Compliance with Chapter 171, Part H, Florida Statutes. The Parties agree that this Agreement also meets the requirements of Chapter 171, Part II, Florida Statutes. The Parties agree that pursuant to Section 171.204, Florida Statutes, the restrictions on the character of land that may be annexed pursuant to Chapter 171, Part I, Florida Statutes, shall not be restrictions on land that may be annexed in accordance with this Agreement provided that such land is contiguous, urban in character, and compact and otherwise meets the terms and conditions of this Agreement.
21. Severability. Any term or provision of this Agreement that is invalid or unenforceable in any situation in any jurisdiction shall not affect the validity or enforceability of the remaining terms and provision hereof or the validity or enforceability of the offending term or provision in any other situation or in any other jurisdiction.

IN WITNESS WHEREOF, the CITY OF VENICE, FLORIDA has caused this Agreement to be executed by its Mayor and affixed its official seal, attested by its Clerk pursuant to the Authorization of the Venice City Council, and SARASOTA COUNTY, FLORIDA has caused this Agreement to be executed by its Chair and affixed its official seal, attested by its Clerk, pursuant to the authorization of the Board of County Commissioners, on the day and year indicated below.

A-24


City Council
City of Venice, Florida

By: 
Ed Martin, Mayor

ATTEST:




Lori Stelzer, City Clerk

Approved as to form and Execution:

By: 
Robert C. Anderson, Attorney for
the City of Venice, Florida

Board of County Commissioners
Sarasota County, Florida

By:


Joseph A. Barbetta, Chair


ATTEST:


Deputy Clerk

Approved as to form and Execution:

By: 
County Attorney

A-26

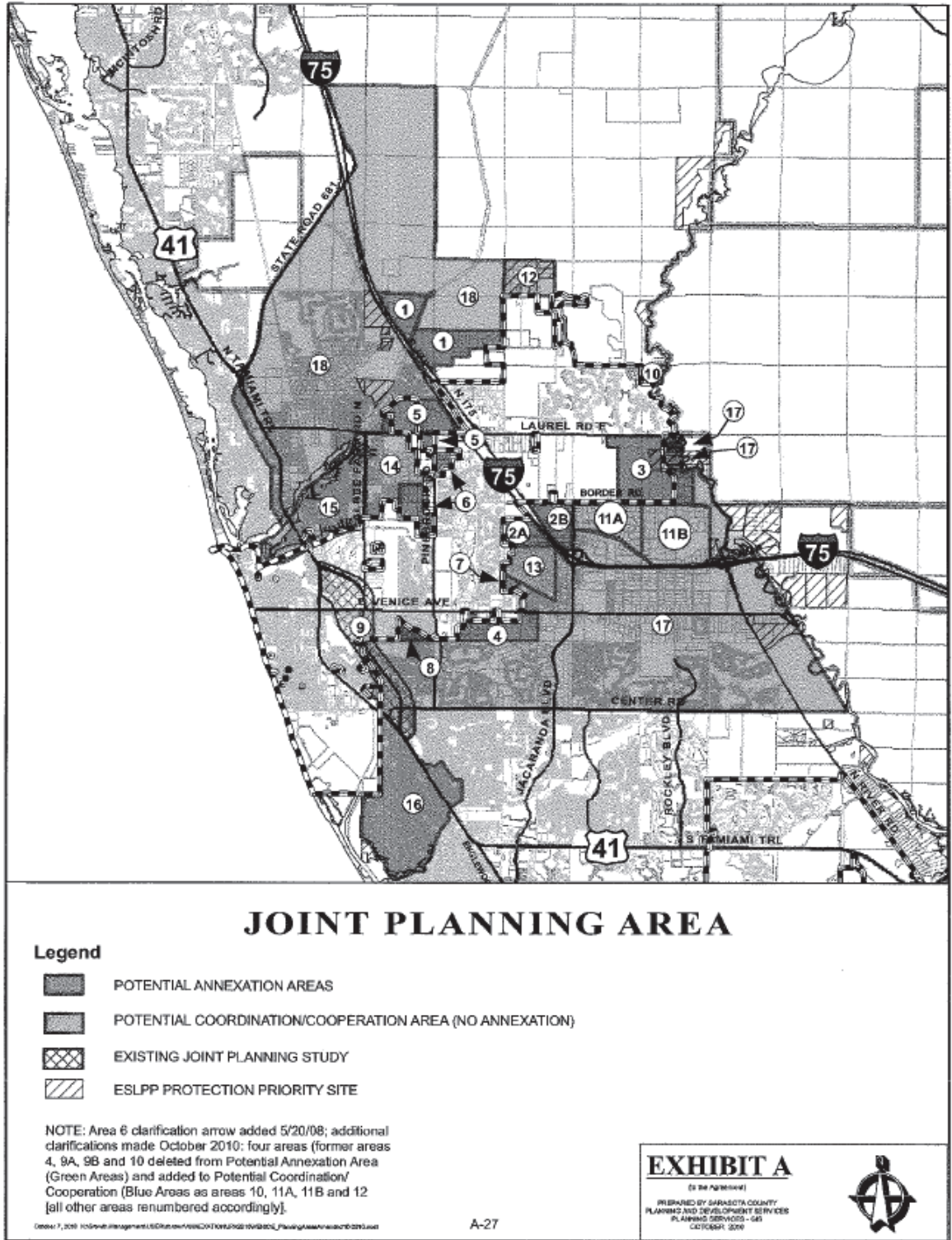


Exhibit B
City of Venice - Sarasota County
Joint Planning Agreement Matrix

Location	Approx. Acreage	Existing County Future Land Use	Maximum Allowable Density per City of Venice Comprehensive Plan (Adopted 2010)	POTENTIAL DENSIFICATION AREAS (Green Areas on Exhibit A)	Water and Sewer	Environmental	Timing of Infrastructure Availability (Years)
#1 (Mastic Road)	489	County Semi-Rural	Subarea 1: 5 to 9 d.u./ac. Subarea 2: 5 d.u./ac.	Intersection Improvements on Knight's Trail No Issues Identified	City Water and Sewer	No Issues Identified	6 - 15
#2A (Auburn Road to I-75)	176	County Moderate Density Residential	Subarea 1: 9 d.u./ac.		West of I-75, City Water and Sewer	No Issues Identified	1 - 10
#2B (I-75 to Jacaranda Boulevard)	175	County Semi-Rural, Commercial	Subarea 2: 13 d.u./ac. Subarea 3: 18 d.u./ac.	Requires ROW Dedication for Jacaranda Blvd.	East of I-75, City Water and County Sewer	No Issues Identified	1 - 10
#3 (Bonder Road to Myakka River)	629	County Semi-Rural	Subarea 1: 5 d.u./ac. Subarea 2: 3 d.u./ac.	Extend Jackson Road from Bonder Road to Laurel Road as two-lane facility	City Water and County Sewer	City will support purchase or acquire easement along River	6 - 20
#4 (South Venice Avenue)	239	Commercial, Medium Density Residential	7 d.u./ac.	Potential Neighborhood Roadway Interconnection to Hecchetti Creek Road	City Water and Sewer, Evaluate Interconnections	No Issues Identified	1 - 10
#5 (Laurel Road Mixed Use)	296	County Moderate Density Residential, Medium Density Residential, Mixed Use	8 d.u./ac.	Maintain Consistency with Pinebrook / Honore Road Extension	County Water and Sewer	No Issues Identified	1 - 15

Note: Area 5 and 6 also clarifications made Nov. 12, 2008; additional clarifications made October 2010 include: (1) four areas (former areas 4, 9A, 9B and 10) deleted from Potential Amenity (Green Areas on Exhibit A) and added to Potential Connectivity/Cooperation (Blue Areas on Exhibit A); as areas 10, 11A, 11B and 12 with revised utility and environmental commitments; (2) name changes to reflect City of Venice Comprehensive Plan; and (3) revised acreages to reflect approximations.

POTENTIAL ANNEXATION AREAS (Green Areas on Exhibit A)							
Location	Approx. Acreage	Existing County Future Land Use	Maximum Allowable Density per City of Venice Comprehensive Plan (Adopted 2010)	Transporation	Water and Sewer	Environmentals	Timing of Infrastructure Availability (Years)
#6 (Pinebrook Road)	232	County Moderate Density Residential	3 d.u./ac.	ROW for future four-laning of Pinebrook. Note: environmental and FCT funding issues with going in after the fact and running road further south. However, there is not a need for improvement given current traffic volumes.	City Water and Sewer	No Issues Identified	1 - 15
#7 (Auburn Road)	25	County Moderate Density Residential	5 d.u./ac.	No issues identified	City Water and Sewer	No Issues Identified	1 - 5
#8 (Gulf Coast Boulevard)	33	County Moderate Density Residential	3.5 d.u./ac.	No issues identified	City Water and Sewer	No Issues Identified	N/A (existing)

EXISTING JOINT PLANNING STUDY (Red Hatched Areas on Exhibit A)							
Location	Approx. Acreage	Existing County Future Land Use	Maximum Allowable Density per City of Venice Comprehensive Plan (Adopted 2010)	Transporation	Water and Sewer	Environmentals	Timing of Infrastructure Availability (Years)
#9 (US 41 Bypass)	732	N/A	N/A	City and County support US 41 Bypass widening	City and County Water and Sewer within each respective jurisdiction	N/A within this JPA	N/A within this JPA

Note: Area 5 and 6 size clarifications made Nov. 12, 2008; additional clarifications made October 2010 include: (1) four areas (former areas 4, 9A, 9B and 10) deleted from Potential Annexation (Green Areas on Exhibit A) and added to Potential Coordination/Concortion (Blue Areas on Exhibit A) as areas 10, 11A, 11B and 12 with revised utility and environmental commitments; (2) name changes to reflect City of Venice Comprehensive Plan; and (3) revised acreages to reflect approximations.

POTENTIAL COORDINATION/COOPERATION AREA (NO ANNEXATION) - Blue Areas on Exhibit A)							
Location	Acres	Existing County Future Land Use	Expected Continuing County Future Land Use	Transportation	Water and Sewer	Environmental	
#10 (Venice Myakka River)	52	County Rural	Rural	No Issues	County Water and Sewer	City will support conservation easement along River	Timing of Infrastructure Availability (Years) 1 - 5
#11A (Border/Jacaranda Boulevard)	307	County Major Employment Center, Rural	County Major Employment Center, Rural	Maintain Interconnections with Grid Network	County Water and Sewer	No Issues Identified	10 - 25
#11B (Border Road/Curry Creek)	551	Rural	Rural	Interconnections with Grid Network; Include the extension of Jackson Road	County Water and Sewer	No Issues Identified	10 - 25
#12 (Laurel Oaks Road)	250	County Rural	Rural	No Issues Identified	County Water and Sewer	City will support	6 - 15
#13 (Venice Acres)	274	Low Density Residential, Medium Density Residential	Low Density Residential, Medium Density Residential	No Issues Identified	County Water and Sewer	No Issues Identified	6 - 10
#14 (Albee Farm East)	468	Low Density Residential, Moderate Density Residential	Low Density Residential, Moderate Density Residential	No Issues Identified	County Water and Sewer	No Issues Identified	1 - 10 water, 10 - 20 sewer
#15 (Albee Farm West)	803	Low Density Residential, Moderate Density Residential, Medium Density Residential, Commercial	Low Density Residential, Moderate Density Residential, Medium Density Residential, Commercial	No Issues Identified	County Water and Sewer	No Issues Identified	1 - 10 water, 10 - 20 sewer
#16 (South Venice)	1241	Moderate Density Residential, Commercial	Moderate Density Residential, Commercial	No Issues Identified	County Water and Sewer	Alligator Creek is an impaired water body requiring a basin management action plan.	1 - 10
#17 (East Venice)	7417	Low Density Residential, Moderate Density Residential, Medium Density Residential, Major Commercial, Major Employment Center, Office - Multi-Family, Government Use	Low Density Residential, Moderate Density Residential, Medium Density Residential, Commercial, Major Employment Center, Office - Multi-Family, Government Use	No Issues Identified	County Water and Sewer	No Issues Identified	unable to determine
#18 (2050 Village)	7518	Low Density Residential, Moderate Density Residential, Medium Density Residential, Commercial	Low Density Residential, Moderate Density Residential, Medium Density Residential, Commercial	No Issues Identified	County Water and Sewer	No Issues Identified	unable to determine

Note: Area 5 and 6 site clarifications made Nov. 12, 2008; additional clarifications made October 2010 include: (1) four areas (former areas 4, 9A, 9B and 10) deleted from Potential Annexation (Green Areas on Exhibit A) and added to Potential Coordination/Cooperation (Blue Areas on Exhibit A) as areas 10, 11A, 11B and 12 with revised utility and environmental commitments; (2) name changes to reflect City of Venice Comprehensive Plan; and (3) revised acreages to reflect approximations.



CONTRACT NO. 2012-26
BCC APPROVED 03-13-2012

AMENDMENT NO. 1 TO THE AMENDED AND RESTATED
JOINT PLANNING AND INTERLOCAL SERVICE
BOUNDARY AGREEMENT BETWEEN THE CITY OF
VENICE AND SARASOTA COUNTY

This Amendment is made and entered into this 13th day of March, 2012,
by and between the City of Venice, a municipal corporation organized and existing under the
laws of the State of Florida (the "City") and Sarasota County, a charter county and political
subdivision of the State of Florida (the "County").

WHEREAS, the City and County are the parties to a Joint Planning and Interlocal
Service Boundary Agreement dated January 9, 2007, which was amended on November 12,
2008; and amended and restated on October 26, 2010 (the "JPA/ILSBA"); and

WHEREAS, the JPA/ILSBA identifies the Princeton Laurel Property (PID 0385-01-
0001) as a Potential Annexation Area; and

WHEREAS, on February 22, 2011, the City annexed the Princeton Laurel Property (PID
0385-01-0001) into the corporate limits of the City of Venice, Florida by the adoption of
Ordinance No. 2008-05; and

WHEREAS, in order to resolve a dispute regarding the property's eligibility for
annexation, the parties wish to amend the JPA/ILSBA to provide that the provisions of Florida
Statute 171.204 shall apply to annexation of the Princeton Laurel Property (PID 0385-01-0001);
and

WHEREAS, the Princeton Laurel Property (PID 0385-01-0001) is compact and is "urban
in character" as defined by 171.031(8) F.S. and its annexation by the City did not create an
enclave as defined by 171.031(13) F.S. and is compliant with Chapter 171; and

WHEREAS, the parties wish to provide for annexation of the Princeton Laurel Property
(PID 0385-01-0001) pursuant to the provisions of Florida Statute 171.204; and

WHEREAS, the parties also wish to amend the JPA/ILSBA to correct clerical errors in the numbering of certain paragraphs.

NOW, THEREFORE, in consideration of the mutual covenants contained within the JPA/ILSBA and this Amendment No. 1, the City and County agree as follows:

1. Paragraph 5 of the JPA/ILSBA is hereby amended to read as follows:

5. Annexation of Lands Within the JPA. The City may annex lands within the JPA set forth in Exhibit A in accordance with this Agreement upon adoption of the comprehensive plan amendments required to implement this Agreement and upon the City's receipt of a petition for annexation from the persons who own the property proposed to be annexed and the property is contiguous, as defined in Chapter 171, Florida Statutes, to the municipal boundaries of the city, ~~and the area to be annexed is compact. In addition, the City agrees that it will not create new or expanded enclaves within potential annexation areas.~~

A. Annexation Pursuant to Part I of Chapter 171 F.S. The City may annex lands in Potential Annexation Areas pursuant to Part I of Chapter 171 F.S. provided that the area to be annexed is compact and that the annexation will not create new or expanded enclaves within Potential Annexation Areas.

B. Annexation Pursuant to Part II of Chapter 171 F.S. The Princeton Laurel Property (PID 0385-01-0001) was annexed by the City (Ordinance No. 2008-05) under Chapter 171, F.S., in accordance with this Agreement, the agreed upon stipulations and this amendment, and shall be deemed compliant with Part II of Chapter 171. F.S.

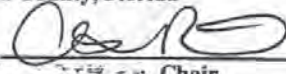
2. Subparagraph 20.C. (which will be renumbered “21.C” in paragraph 5 of this amendment) of the JPA/ILSBA is hereby amended to read:

~~C. Compliance with Chapter 171, Part II, Florida Statutes.~~ The Parcels Eligible for Annexation Pursuant to Part II of Chapter 171 F.S. The Parties agree that this Agreement also meets the requirements of Chapter 171, Part II, Florida Statutes. The Parties agree that pursuant to Section 171.204, Florida Statutes, the restrictions on the character of land that may be annexed pursuant to Chapter 171, Part I, Florida Statutes, shall not be restrictions on land that may be annexed in accordance with this Agreement provided that such land is contiguous, urban in character, and compact and otherwise meets the terms and conditions of this Agreement.

3. Paragraph “18. 19.” (sic) at the bottom of page A-22 of the JPA/ILSBA shall be renumbered “18”; the second paragraph 20 on page A-23 of the JPA/ILSBA shall be renumbered “21; and paragraph 21 on page A-24 of the JPA/ILSBA shall be renumbered “22”.
4. Except as specifically amended by this Amendment No. 1, all other terms and conditions contained within the JPA/ILSBA shall remain in full force and effect.

IN WITNESS WHEREOF, the CITY OF VENICE, FLORIDA has caused this Amendment No. 1 to the JPA/ILSBA to be executed by its Mayor and affixed its official seal, attested by its Clerk, pursuant to the Authorization of the Venice City Council, and SARASOTA COUNTY, FLORIDA has caused this Amendment to be executed by its Chair and affixed its official seal, attested by its Clerk, pursuant to the authorization of the Board of County Commissioners, on the day and year indicated above.

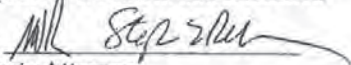
Board of County Commissioners
Sarasota County, Florida

By: 
Chair
Christine Robinson

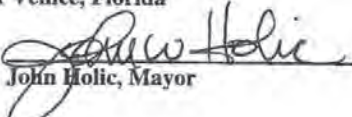
ATTEST:


Deputy Clerk

Approved as to form and Execution

By: 
County Attorney

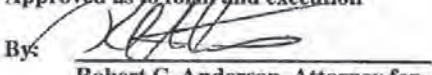
City Council
City of Venice, Florida

By: 
John Holic, Mayor

ATTEST:


Lori Stelzer, City Clerk

Approved as to form and execution

By: 
Robert C. Anderson, Attorney for
the City of Venice

CONTRACT NO. 2012435BCC APPROVED 7-10-12

AMENDMENT NO. 2 TO THE AMENDED AND RESTATED
JOINT PLANNING AND INTERLOCAL SERVICE
BOUNDARY AGREEMENT BETWEEN THE CITY OF
VENICE AND SARASOTA COUNTY

This Amendment is made and entered into this 10 day of July, 2012, by and between the City of Venice, a municipal corporation organized and existing under the laws of the State of Florida (the "City") and Sarasota County, a charter county and political subdivision of the State of Florida (the "County").

WHEREAS, the City and County are the parties to a Joint Planning and Interlocal Service Boundary Agreement dated January 9, 2007 (the "Original JPA"), which was amended on November 12, 2008; amended and restated on October 26, 2010 and further amended on March 13, 2012 (collectively, the "JPA/ILSBA"); and

WHEREAS, paragraph 6.B.(12) of the Original JPA identified "Area 10-Venice Minerals Area" as being eligible for annexation by the City; and

WHEREAS, the Joint Planning Area map and Joint Planning Agreement Matrix, being, respectively, Exhibit A and Exhibit B-1 of the Original JPA, mislocated and misidentified Area 10, showing same to be located northerly of the intended location of Area 10; and

WHEREAS, on May 19, 2010, the owner of the property described on Exhibit "A" hereof (the "Ajax Property") hereof made an application to the City for annexation into the City of the Ajax Property; and

WHEREAS, the Ajax Property currently contains an asphalt plant and related production facilities; and

WHEREAS, the City had intended that the Ajax Property was to be included within Area 10 as the same should have been identified in the Original JPA; and

WHEREAS, the other properties originally intended to be included in Area 10 (collectively, the "Contiguous Properties") have previously been annexed into the City and they are contiguous to the east, south and west boundaries of the Ajax Property; and

WHEREAS, following the annexation by the City of the Contiguous Properties, the City's Comprehensive Plan was amended to create the Gene Green Sector allowing, *inter alia*, the use of properties for asphalt production, manufacturing, recycling and other components of asphalt production; and

WHEREAS, in order to allow for the consideration by the City of the annexation of the Ajax Property, the parties wish to amend the JPA/ILSBA to provide that the provisions of Florida Statute 171.204 shall apply to annexation of the Ajax Property.

Page 3 of 8, Res. No. 2012-09

A83.05

November 28, 2017
Page Amended with Ordinance 2018-35

NOW, THEREFORE, in consideration of the mutual covenants contained within the JPA/ILSBA and this Amendment No. 2, the City and County agree as follows:

1. There shall be added to the JPA/ILSBA a sub-paragraph 6. B. (10) which shall read as follows:

(10) Area 19 -SJT-Venice Parcel. Production and manufacture of asphalt and related products; asphalt recycling and other components of asphalt production; temporary and permanent stockpiling of components of asphalt production; and stormwater management. The Future Land Use designation applied by the City shall be consistent with the allowable land uses for the Gene Green Planning Area (Area L) in the Venice Comprehensive Plan, to include: asphalt production, manufacturing, sorting, processing and loading, recycling and other components of asphalt production; temporary and permanent stockpiling; concrete/cement and products production and processing; water resource storage and production; stormwater management; native habitat preservation/mitigation; and accessory uses, including commercial office space not to exceed an FAR of 0.10. Development shall be served by City water and sewer.

2. Exhibit A of the JPA/ILSBA is hereby amended to add a new Area 19 (SJT-Venice Parcel) to the City of Venice – Sarasota County Joint Planning Area.

3. Exhibit B of the JPA/ILSBA is hereby amended to add a new Area 19 (SJT-Venice Parcel) to the City of Venice – Sarasota County Joint Planning Matrix .

IN WITNESS WHEREOF, the CITY OF VENICE, FLORIDA has caused this Amendment No. 2 to the JPA/ILSBA to be executed by its Mayor and affixed its official seal, attested by its Clerk, pursuant to the Authorization of the Venice City Council, and SARASOTA COUNTY, FLORIDA has caused this Amendment to be executed by its Chair and affixed its official seal, attested by its Clerk, pursuant to the authorization of the Board of County Commissioners, on the day and year indicated above.

Board of County Commissioners
Sarasota County, Florida

By:


Chair

ATTEST:


Deputy Clerk

Approved as to form and Execution

By: 
County Attorney

Page 4 of 8, Res. No. 2012-09

Section V – APPENDICES

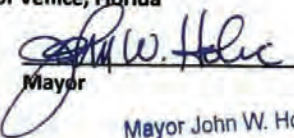
City of Venice
Comprehensive Plan 2017-2027
Page Amended with Ordinance 2018-35

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A83.07

November 28, 2017
Page Amended with Ordinance 2018-35

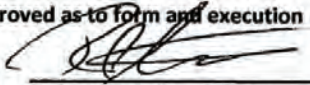
City Council
City of Venice, Florida

By: 
Mayor

Mayor John W. Holic
JUN 12 2012

ATTEST:

Lori Stelzer, City Clerk

Approved as to form and execution

By: 
Robert C. Anderson, Attorney for
the City of Venice

Page 5 of 8, Res. No. 2012-09

EXHIBIT "A"
DESCRIPTION OF SJT-VENICE PARCEL

DESCRIPTION: OVERALL

A PARCEL OF LAND LYING IN SECTION 22, TOWNSHIP 38 SOUTH, RANGE 19 EAST SARASOTA COUNTY, FLORIDA, MORE PARTICULARITY DESCRIBED AS FOLLOWS:

POINT OF COMMENCEMENT, SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 22, TOWNSHIP 38 SOUTH, RANGE 19 EAST, THENCE N.01'04'13"W., ALONG THE WEST LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 22 A DISTANCE OF 1398.48 FEET TO THE POINT OF BEGINNING; THENCE N.01'04'13"W., ALONG THE WEST LINE OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 22 A DISTANCE OF 1278.44 FEET; THENCE N.01'04'13"W., ALONG THE WEST LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 22 A DISTANCE OF 1338.57 FEET; THENCE N. 89'24'53"W., ALONG THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 22 A DISTANCE OF 1327.78 FEET; THENCE N.00'44'08"W., ALONG THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 22 A DISTANCE OF 1309.28 FEET; THENCE S.89'22'29"E., A DISTANCE OF 1120.07 FEET; THENCE S.01'04'13"E., A DISTANCE OF 1108.61 FEET; THENCE S.89'24'53"E., A DISTANCE OF 400.17 FEET; THENCE S.01'04'13"E., A DISTANCE OF 650.27 FEET; THENCE S.89'24'53"E., A DISTANCE OF 500.21 FEET; THENCE S.01'04'13"E., A DISTANCE OF 1765.76 FEET; THENCE S.59'15'45"W., A DISTANCE OF 771.08 FEET, THENCE N.89'29'19"W. A DISTANCE OF 30.01 FEET TO THE POINT OF BEGINNING.

PARCEL CONTAINS 3,023,111 SQUARE FEET OR 69.40 ACRES, MORE OR LESS.

Page 6 of 8, Res. No. 2012-09

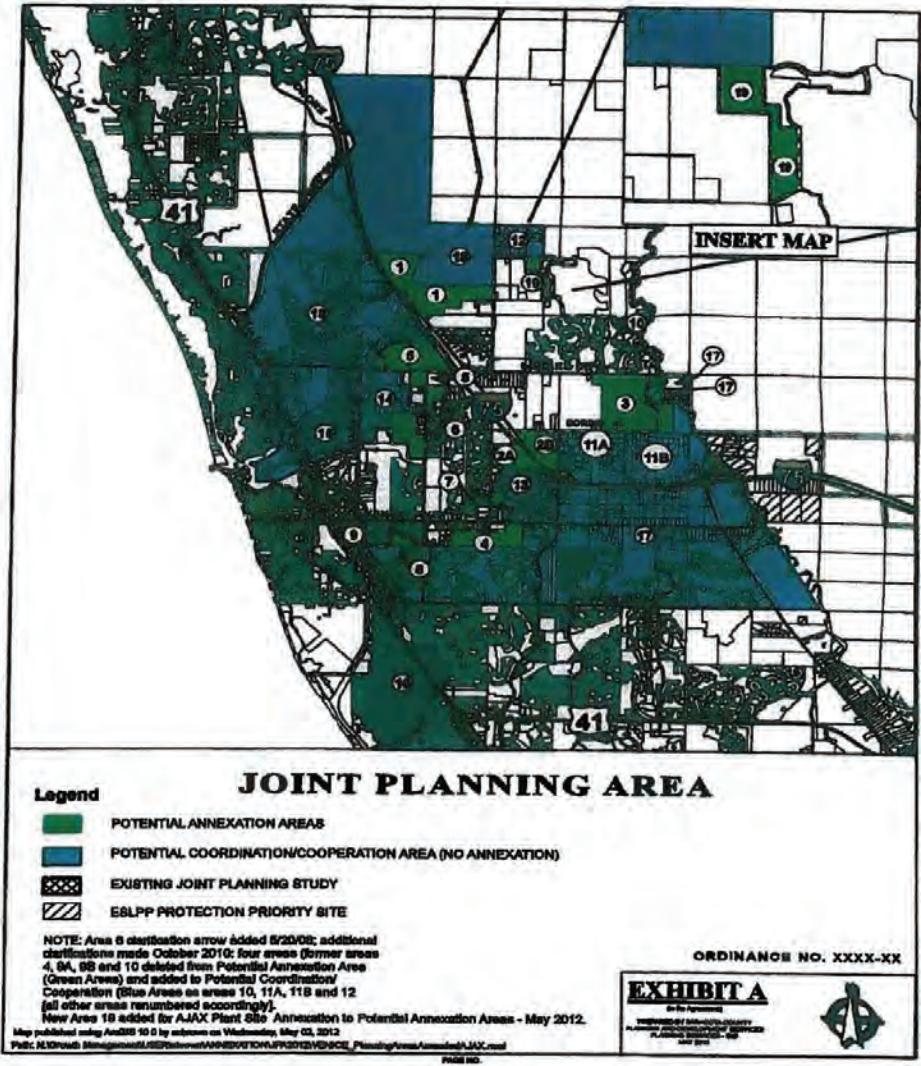


Exhibit B

City of Venice – Sarasota County
Joint Planning Agreement Matrix

POTENTIAL ANNEXATION AREAS (Screen Areas on Exhibit A)						
Location	Approx. Acreage	Existing County Future Land Use	Minimum Allowable Density per City of Venice Comprehensive Plan (Adopted 2010)	Transportation	Water and Sewer	Timing of Infrastructure Availability (Years)
#6 (Pinebrook Road)	232	County Moderate Density Residential	3 d.u./ac.	ROW FOR FUTURE FOUR-LANE OF Pinebrook Road; environmental and FCT funding issues with going in either the first and running road further south. However, there is not a need for improvement given current traffic volumes.	City Water and Sewer	No Issues Identified 1-15
#7 (Auburn Road)	25	County Moderate Density Residential	5 d.u./ac.	No Issues Identified	City Water and Sewer	No Issues Identified 1-5
#8 (Gulf Coast Boulevard)	33	County Moderate Density Residential	3.5 d.u./ac.	No Issues Identified	City Water and Sewer	N/A (Existing)
#12 (ST-Venice)	69.5	County Rural	N/A	No Issues Identified	City Water and Sewer	N/A
EXISTING JOINT PLANNING STUDY (Red Hatched Areas on Exhibit A)						
Location	Approx. Acreage	Existing County Future Land Use	Minimum Allowable Density per City of Venice Comprehensive Plan (Adopted 2010)	Transportation	Water and Sewer	Timing of Infrastructure Availability (Years)
#9 (US 41 Bypass)	732	N/A	N/A	City and County support US 41 Bypass widening	City and County Water and Sewer within each respective jurisdiction	N/A within this JPA

CONTRACT NO. 2019-016

BCC APPROVED 10/9/18

AMENDMENT NO. 3 TO THE AMENDED AND RESTATED
JOINT PLANNING AND INTERLOCAL SERVICE
BOUNDARY AGREEMENT BETWEEN THE CITY OF
VENICE AND SARASOTA COUNTY

This Amendment is made and entered into this 9 day of October 2018, by and between the City of Venice, a municipal corporation organized and existing under the laws of the State of Florida (the "City") and Sarasota County, a charter county and political subdivision of the State of Florida (the "County").

WHEREAS, the City and County are the parties to a Joint Planning and Interlocal Service Boundary Agreement dated January 9, 2007 (the "Original JPA"), which was amended on November 12, 2008, amended and restated on October 26, 2010 and further amended on March 13, 2012 and July 10, 2012 (collectively, the "JPA/ILSBA"); and

WHEREAS, paragraph 6.B.(1) of the JPA/ILSBA identifies "Area 1-Rustic Road Neighborhood" as being eligible for annexation by the City; and

WHEREAS, on April 20, 2018, the City received a request to amend the JPA/ILSBA to add Sarasota County Parcel ID Nos. 0364-10-0001 and 0377-02-0001, as described in Exhibit "C" hereof (the "Hurt properties"), to a Potential Annexation Area; and

WHEREAS, Sarasota County Parcel ID No. 0377-02-0002 owned by the Florida Department of Transportation (FDOT), as described in Exhibit "C" hereof (the "FDOT property"), would be the only remaining parcel of land in this area not within the boundaries of the City or within a Potential Annexation Area; and

WHEREAS, in order to allow for the consideration by the City of the annexation of the Hurt properties and the FDOT property, the parties wish to amend the JPA/ILSBA to add Sarasota County Parcel ID Nos. 0377-02-0002, 0364-10-0001, and 0377-02-0001, comprising approximately 218.42± acres of land, to the Potential Annexation Area identified as "Area 1-Rustic Road Neighborhood."

NOW, THEREFORE, in consideration of the mutual covenants contained within the JPA/ILSBA and this Amendment No. 3, the City and County agree as follows:

1. Subparagraph 6.B.(1) is hereby amended to read as follows:
 - (1) Area 1 – Rustic Road Neighborhood: The land use adopted in the Venice Comprehensive Plan for Subarea 1 (area abutting I-75 and extending approximately 0.73 mile northward and approximately 0.60 mile eastward of the intersection of I-75 and Cow Pen Slough, and the 218.46+/- acres of property north of the Triple Diamond Commerce Park comprised of Parcel Nos. 0377-02-0002, 0364-10-0001, and 0377-02-0001 is 5 to 9 units per acre, calculated on a gross area basis. The land use adopted for Subarea 2 (area abutting Knights Trail Road and extending approximately 0.75 mile westward of Knights

City of Venice
Comprehensive Plan 2017-2027
Page Amended with Ordinance 2019-24

A83.11

Trail Road) is up to 5 units per acre. Up to 50% of the acreage in Area 1 will be allowable for nonresidential (retail, office space, industrial and manufacturing) uses. The total square footage of non-residential uses allowed in this area shall not exceed a floor area ratio (FAR) of 2.0. Development shall be served by City water and sewer. Given environmental corridors along the creeks on properties 0364-10-0001 and 0377-02-0001, the parties agree to apply section 10.L. relating to establishing and maintaining wildlife corridors during processes outlined in this Joint Planning Agreement. An environmental/habitat assessment will be required at the time of rezone or development approval stage to identify appropriate habitat protection. The Party with jurisdiction over the development application will require transportation improvements to the intersection of Knights Trail and Rustic Lane to meet County standards and to be provided by the developer. For future expansion of Knights Trail Road, the Party with jurisdiction over the development application will require the reservation of necessary Right-of-Way (ROW) consistent with County roadway standards for a four-lane roadway.

2. Exhibit A of the JPA/ILSBA ("Joint Planning Area") is hereby amended to add the Hurt properties and FDOT property to Area 1-Rustic Road Neighborhood, as depicted on the attached Exhibit "A." All other portions of Exhibit A remain unchanged.

3. Exhibit B of the JPA/ILSBA ("Joint Planning Agreement Matrix") is hereby amended to revise Area 1-Rustic Road Neighborhood in relation to the addition of the Hurt Properties and FDOT property, as depicted on the attached Exhibit "B". All other sections of the Joint Planning Agreement Matrix remain unchanged.

IN WITNESS WHEREOF, the CITY OF VENICE, FLORIDA has cause this Amendment No. 3 to the JPA/ILSBA to be executed by its Mayor and affixed its official seal, attested by its Clerk, pursuant to the Authorization of the Venice City Council, and SARASOTA COUNTY, FLORIDA has caused this Amendment to be executed by its Chair and affixed its official seal, attested by its Clerk, pursuant to the authorization of the Board of County Commissioners, on the day and year indicated above.

Board of County Commissioners Sarasota
County, Florida,

By: 

Chair

ATTEST:


Deputy Clerk

Approved as to Form and Execution

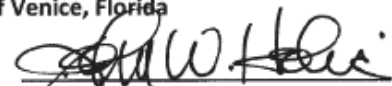
City of Venice
Comprehensive Plan 2017-2027
Page Amended with Ordinance 2019-24

A83.12

Section V - APPENDICES

By: 
County Attorney
ANK

City Council
City of Venice, Florida

By: 
Mayor

ATTEST:

Lori Stelzer, City Clerk

Approved as to Form and Execution

By: 
Kelly Fernandez, Attorney

EXHIBIT "A"
JPA MAP

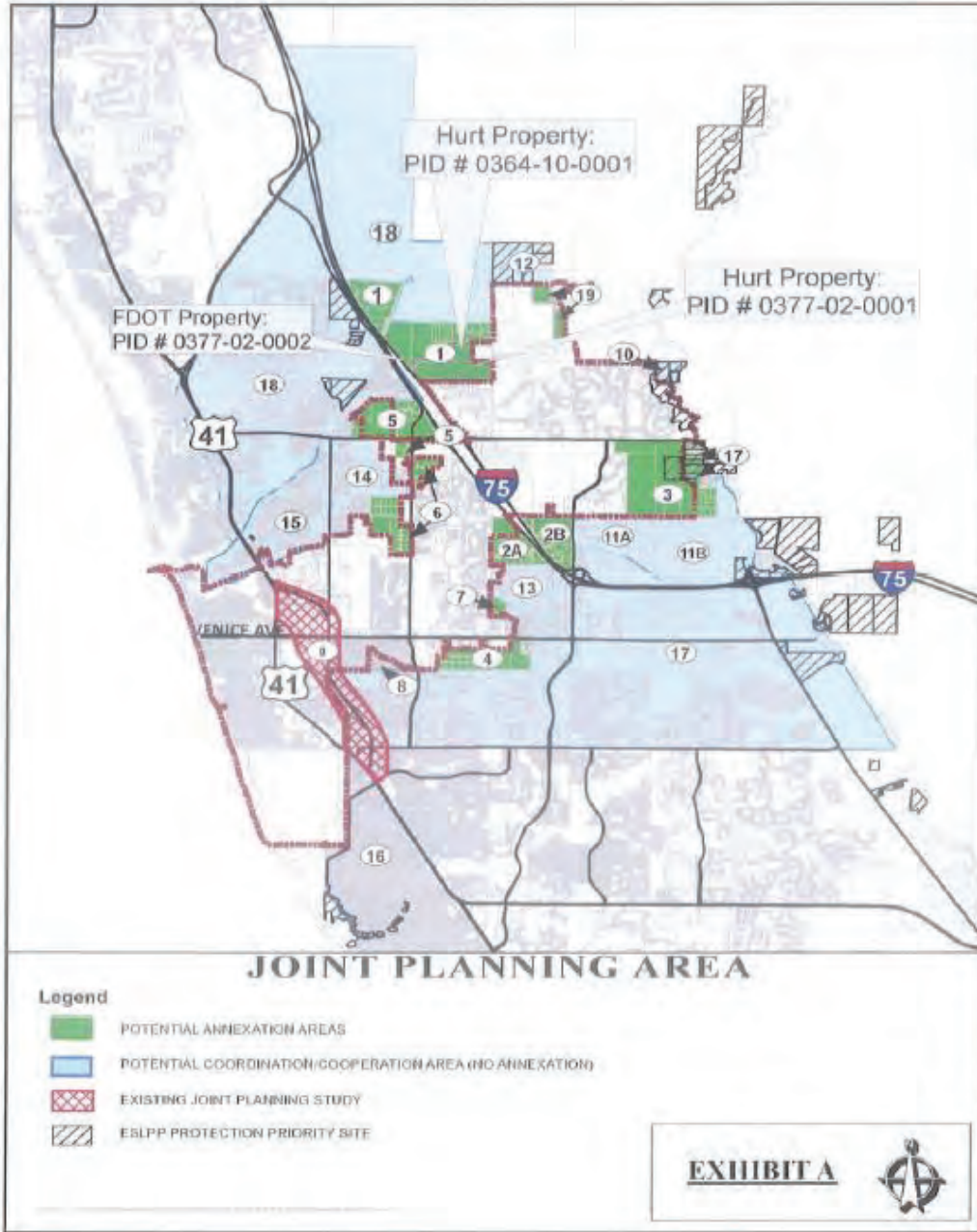


EXHIBIT "B"
JPA MATRIX

Location	Acreage	Existing County Future Land Use	Land Uses to be Determined by the City of Venice	Transportation	Water/Sewer	Environmental	Timing of Infrastructure Availability (years)
#1(Rustic Road)	489708	County Semi-Rural <u>Rural</u>	Subarea 1: 5 to 9 du/ac. Subarea 2: 2 to 5 du/ac.	Intersection Improvements on Knights Trail. <u>Reserve ROW for future expansion of Knights Trail Road consistent with County standards for 4-lane roadways.</u>	City Water & Sewer	No Issues Identified <u>See Section 5.B.(1)</u>	6 -15

EXHIBIT "C"
DESCRIPTION OF HURT PROPERTIES
DESCRIPTION OF FDOT PROPERTY

DESCRIPTION - HURT PROPERTIES:

DESCRIPTION (O.R.I. 2001181531):

(A) The SW 1/4 of the SE 1/4 of Section 21, Township 38 South, Range 19 East;

(B) The S 1/2 of the SE 1/4 of the SW 1/4 of Section 21, Township 38 South, Range 19 East,

TOGETHER WITH a perpetual non-exclusive access easement for ingress and egress and for drainage and utilities over the East 30 feet of the N 3/4 of the E 1/2 of the SW 1/4 and over the South 30 feet of the E 1/2 of the NW 1/4 and over the South 30 feet of the NE 1/4 of said Section 21, Township 38 South, Range 19 East. ALSO TOGETHER WITH a non-exclusive perpetual easement for public access, drainage and utilities over and across those certain easements described in Official Records Book 1317, Pages 931 and 932, of said Records.

(C) The NW 1/4 of the NE 1/4 and the N 1/2 of the NW 1/4 of Section 28, Township 38 South, Range 19 East, Less I-75 right-of-way described as.

BEGIN on the West line of said Section 28, at a point South 0°09'22" East 598.21 feet from the NW corner thereof, thence run South 39°47'50" East 607.25 feet, to the beginning of a curve concave to the South-westerly, having a radius of 23,036.31 feet, thence run Southeasterly along said curve 358.40 feet, through a central angle of 0°53'29" to the end of said curve, thence North 89°45'25" West 617.96 feet to the West line of said Section 28, thence North 0°09'22" East 741.04 feet along said West line to the POINT OF BEGINNING.

(D) The NE 1/4 of the NE 1/4 of Section 28, Township 38 South, Range 19 East, LESS the South 60 feet (except for the East 30 feet of said South 60 feet) thereof LESS portion thereof taken by Sarasota County in Eminent Domain (Case No. 88-5219-CA-01, Parcel 04-HR) described as: (Fee Simple)

Commence at the Northeast corner of Section 28, Township 38 South, Range 19 East, Sarasota County, Florida, which is certified to the Florida Department of Natural Resources by Corner Record Document No. 18855; thence run S 89°45'40" W along the North line of said Section 28 for a distance of 30 feet to the POINT OF BEGINNING; thence run S 0°03'02" W along a line 40.00 feet West of and parallel with the East line of said Section 28 for a distance of 1323.66 feet; thence run N 89°20'04" E along the South line of the properties described in O.R.B. 1872, Page 2609 of the Public Records of Sarasota County, Florida, for a distance of 10.00 feet; thence run N 0°03'02" E for a distance of 1323.58 feet to the POINT OF BEGINNING, containing 13,236.15 square feet, more or less.

(Perpetual Drainage Easement)

That part of O.R.B. 1350, page 1589 of the Public Records of Sarasota County, Florida, described as follows: Commence at the Northeast corner of Section 28, Township 38 South, Range 19 East, Sarasota County, Florida, which is certified to the Florida Department of Natural Resources by Corner Record Document No. 18855; thence run South 0°03'02" West along the East line of said Section 28 for a distance of 475.41 feet; thence run North 89°56'58" West for a distance of 40.00 feet to the POINT OF BEGINNING; thence continue North 89°56'58" West for a distance of 95.00 feet; thence to South 0°03'02" West for a distance of 193.00 feet; thence run South 89°56'58" East for a distance of 95.00 feet; thence run North 0°03'02" East along a line 40.00 feet West of and parallel with said Section line for a distance of 193.00 feet to the POINT OF BEGINNING, containing 18,335.00 square feet, more or less

(E) Begin at the Northeast corner of S 1/2 of N 1/2 of Section 28, Township 38 South, Range 19 East, for Point of Beginning. Thence North 89°31'23" W along N line of said tract, 4731.59' to Easterly right-of-way of I-75; thence southeasterly along said right-of-way, 24.79'; thence S 89°45'49" E, 720.04'; thence S 89°45'59", E, 1327.01' to the Point of Beginning, being 1.06 acres, subject to road right-of-way along Easterly side.

DESCRIPTION - FDOT PROPERTY:

That portion of the northwest 1/4 of Section 28, Township South, Range 19 East, Sarasota County, Florida.

Being described as follows:

BEGIN at the northwest corner of said Section 28; thence along the north line of said Section 28, South 89°35'24" East a distance of 435.46 feet; thence South 00°21'45" West a distance of 268.79 feet; thence South 52°35'21" West a distance of 533.67 feet to the west line of said Section 28; thence along said west line North 00°56'50" West a distance of 596.20 feet to the POINT OF BEGINNING.

Containing 4.281 acres.

CONTRACT NO. 2020-489

BCC APPROVED 8/26/2020

AMENDMENT NO. 4 TO THE AMENDED AND RESTATED JOINT PLANNING AND INTERLOCAL SERVICE BOUNDARY AGREEMENT BETWEEN THE CITY OF VENICE AND SARASOTA COUNTY

This Amendment is made and entered into this 26 day of August, 2020, by and between the City of Venice, a municipal corporation organized and existing under the laws of the State of Florida (the "City") and Sarasota County, a charter county and political subdivision of the State of Florida (the "County").

WHEREAS, the City and County are the parties to a Joint Planning and Interlocal Service Boundary Agreement dated January 9, 2007 (the "Original JPA"), which was amended on November 12, 2008, amended and restated on October 26, 2010 and further amended on March 13, 2012, July 10, 2012, and May 22, 2018 (collectively, the "JPA/ILSBA"); and

WHEREAS, the City received a request to amend the JPA/ILSBA to allow office, professional, and institutional uses on certain parcels within Area 6; and

WHEREAS, the development of a hospital adjacent to Area 6 is changing the development patterns within the entire portion of Area 6 east of Pinebrook Road; and

WHEREAS, allowing certain non-residential uses and an increased density east of Pinebrook Road in Area 6 will promote a more logical and efficient growth of the area.

NOW, THEREFORE, in consideration of the mutual covenants contained within the JPA/ILSBA and this Amendment No. 4, the City and County agree as follows:

1. Subparagraph 6.B. (7) is hereby amended to read as follows:

Area 6 – Pinebrook Road Neighborhood: The land use ~~adopted in the Venice Comprehensive Plan~~ for this Area is a maximum of 3 units per acre for all properties West of Pinebrook Road and 13 units per acre for all properties East of Pinebrook Road, calculated on a gross acreage basis. Nonresidential uses shall not be permitted in this Area, except Institutional-Professional uses are permitted for all properties East of Pinebrook Road. The square footage of any such Institutional-Professional uses shall not exceed a FAR of 0.5. Development shall be served by City water and sewer. The Party having jurisdiction over the development application shall require dedication of right of way for the future four-laning of Pinebrook Road if the City and County agree that such an improvement is necessary. The improvement shall be constructed, with appropriate contributions from the developer, consistent with the standards in the County land development regulations.

Page 3 of 5, Res. No. 2020-16

2. Exhibit B of the JPA/ILSBA ("City of Venice – Sarasota County Joint Planning Agreement Matrix") is hereby amended to read as follows:

POTENTIAL ANNEXATION AREAS (GREEN AREAS ON EXHIBIT A)							
Location	Acreage	Existing County Future Land Use	Maximum Allowable Density per City of Venice Comprehensive Plan	Transportation	Water and Sewer	Environmental	Timing of Infrastructure Availability (Years)
6 (Pinebrook Road Area)	232	County Moderate Density Residential	3 DU/Acre West of Pinebrook Road, Properties East of Pinebrook Road: 13 DU/Acre or Institutional Professional Land Uses are permitted at a maximum of 0.50 FAR.	ROW for future four-laning of Pinebrook. Note: FCT environmental and funding issues with going in after-the-fact and running road further south. However, there is not a need for improvement given current traffic volumes.	City Water and Sewer	No Issues Identified	1-15

IN WITNESS WHEREOF, the CITY OF VENICE, FLORIDA has caused this Amendment No. 4 to the JPA/ILSBA to be executed by its Mayor and affixed its official seal, attested by its Clerk, pursuant to the Authorization of the Venice City Council, and SARASOTA COUNTY, FLORIDA has caused this Amendment to be executed by its Chair and affixed its official seal, attested by its Clerk, pursuant to the authorization of the Board of County Commissioners, on the day and year indicated above.

Board of County Commissioners, Sarasota County, Florida,

By:

Chair

ATTEST:

Brenola White

Deputy Clerk


Approved as to Form and Execution

By:

M. E. O'Leary
County Attorney

City Council
City of Venice, Florida

By:



Mayor

ATTEST:



Lori Stelzer, City Clerk

Approved as to Form and Execution

By: 

Kelly Fernandez, Attorney

CONTRACT NO. 2020-490

BCC APPROVED 8/26/2020

AMENDMENT NO. 5 TO THE AMENDED AND RESTATED JOINT PLANNING AND INTERLOCAL SERVICE BOUNDARY AGREEMENT BETWEEN THE CITY OF VENICE AND SARASOTA COUNTY

This Amendment is made and entered into this 18th day of NOVEMBER 2020, by and between the City of Venice, a municipal corporation organized and existing under the laws of the State of Florida (the "City") and Sarasota County, a charter county and political subdivision of the State of Florida (the "County").

WHEREAS, the City and County are the parties to a Joint Planning and Interlocal Service Boundary Agreement dated January 9, 2007 (the "Original JPA"), which was amended on November 12, 2008, amended and restated on October 26, 2010 and further amended on March 13, 2012, July 10, 2012, and May 22, 2018 (collectively, the "JPA/ILSBA"); and

WHEREAS, the City and County have agreed to amend the JPA/ILSBA to remove the three Sub-Areas and the percentages of residential and non-residential development that could be permitted in each Sub-Area, and to remove the Connector Road that has been identified within Area 5; and

WHEREAS, the development of a hospital adjacent to Area 5 is changing the development patterns within the entire portion of Area 5 on Laurel Road; and

WHEREAS, allowing certain non-residential uses and an increased density in Area 5 will promote a more logical and efficient growth of the area;

NOW, THEREFORE, in consideration of the mutual covenants contained within the JPA/ILSBA and this Amendment No. 5, the City and County agree as follows:

- 1. Subparagraph 5.B. (6) is hereby amended to read as follows:

Area 5 – Laurel Road Mixed Use Neighborhood: As a gateway into central and southern Sarasota County, this area shall be a transitional zone consisting of a mix of land uses that are supportive of medical and professional-related uses, and residential uses that are well linked internally. Non-residential development in this Area shall consist of Office/Professional and Institutional uses, and commercial uses. The square footage of non-residential uses allowed shall not exceed a 2.0 FAR. Residential land uses for this area shall not exceed a maximum of 13 units per acre calculated on a gross acreage basis. The land use adopted in the Venice Comprehensive Plan for this area is a maximum of 8 units per acre, calculated on a gross acreage basis. For Subarea 1 (north of the proposed connection between Laurel Road and the proposed Honore Avenue extension), up to 33% nonresidential acreage shall be allowed. For Subarea 2 (south of the proposed connection between Laurel Road and the proposed Honore Avenue extension), up to 50% nonresidential acreage shall be allowed. For Subarea 3 (south of Laurel Road), up to 100% nonresidential acreage is allowed. The square footage of nonresidential uses allowed for each subarea shall not exceed a 2.0 FAR. Development shall be served by County water and sewer.

Section V – APPENDICES

A83.21

City of Venice
Comprehensive Plan 2017-2027
Page Amended with Ordinance 2021-04

For properties located north of Laurel Road, in order to minimize impacts to adjacent residential development to the north and west, the following landscape buffers and minimum building setbacks shall be provided. Along the north boundary, a 15-foot wide landscape buffer containing 2 large, 4 medium/small trees and 25 shrubs per 100 lineal feet of buffer. Along Kings Way Drive, a 10-foot wide landscape buffer containing 2 large and 2 medium/small trees per 100 lineal feet of buffer. Large trees shall be a minimum of 10-feet in height with a 4-foot spread and 2-inch caliper trunk at time of planting, and medium/small trees shall be a minimum of 8-feet in height with a 3-foot spread and 1.5 inch caliper trunk at time of planting. Shrubs shall be a minimum of 20-inches in height at time of planting and shall be a species that reaches a minimum height of 24-inches within 12 months. Buildings of more than 1-story shall be set back a minimum of 35-feet from the north boundary and Kings Way Drive. If a single-family subdivision is constructed without an adjoining frontage or access road, the Kings Way Drive buffer shall expand to 15-feet and include a subdivision wall constructed of masonry or other similar hard surface with a decorative finish such as stucco. The wall shall be a minimum of 5-feet and a maximum of 6-feet in height with an additional 18-inches permitted for architectural elements such as finials. The wall shall be set back from the street a minimum of 10-feet and all required landscaping located on the street side of the wall.

Internal capture, east/west connectivity within the Area, and the limitation of access points onto Laurel Road and Honore Avenue shall be the focus of transportation improvements, and will require close coordination between both parties, as well as with the Florida Department of Transportation.

2. Exhibit B of the JPA/LSBA ("City of Venice - Sarasota County Joint Planning Agreement Matrix") is hereby amended to read as follows:

Location	Approx. Acreage	Existing County Future Land Use	Maximum Allowable Density per City of Venice	Transportation	Water & Sewer	Environmental	Timing of Infrastructure Availability (Years)
#5 Laurel Road Mixed Use	296	County Moderate Density Residential, Medium Density Residential, and Office/Multi-Family Residential	8.13 du/ac	Maintain Consistency with Pinebrook/Honore Road extension. Ensure internal capture and interconnectivity between County and City approved developments. Limit road cuts onto Laurel Road and Honore Avenue per County and FDOT access standards.	County Water & Sewer	No issues identified	1-15

3. The Laurel Road Mixed Use Neighborhood Area Map is hereby amended to remove Subareas 1, 2, and 3 as follows:

Venice JPA Area 5



In Witness Whereof, the County of Sarasota, Florida has caused this Amendment No. 5 to the JPA/ILSBA to be executed by its Commission Chair and affixed its official seal, attested by its Clerk, pursuant to Authorization of by the Sarasota Board of County Commissioners, and the City of Venice, Florida has caused this Amendment to be executed by its Mayor and affixed its official seal, attested by its Clerk, pursuant to authorization by the Venice City Council, on the day and year indicated above.

City Council
City of Venice, Florida

By _____
Mayor

ATTEST:

City Clerk

Approved as to Form and Execution

By: [Signature]
City Attorney



Board of County Commissioners Sarasota County,
Florida,

By
Chair

ATTEST:

[Signature]
Deputy Clerk

Approved as to Form and Execution

By: [Signature]
County Attorney

APPENDIX C:
Capital Improvements Projects

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Field Operations
Contact Person: Assistant Utilities Director
Project Title: **Alley Infrastructure Improvements**

Project Number:

Estimated Start Date: FY 2021

Estimated Completion Date: FY 2023

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/Justification: Replace the infrastructure in numerous alleys. Replace all aging cast iron and asbestos cement water mains, valves, fire hydrants, meters, backflows, and water services. Install new sewer cleanouts, manhole ring/covers, manhole lining, lateral and main lining. This will reduce the repairs to not only the alley but private driveways and curbing.

Financial Information

Funding Sources

Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Totals		\$ 500,000	\$ -	\$ -	\$ -	\$ -

Project Expenditures/Expenses

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Infrastructure Improvements	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Totals	\$ 500,000	\$ -	\$ -	\$ -	\$ -

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel					
Operations					
Debt Service					
Totals	\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Field Operations
Contact Person: Assistant Utilities Director
Project Title: **Discovery Way Water Main Construction**

Project Number:

Estimated Start Date: FY 2023

Estimated Completion Date: FY 2023

<i>Potential Funding Sources</i>	
Water PCF's	100%

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification: Construct a new water main along Discovery Way in order to provide fire flow to the adjacent industrial area and improve water quality as recommended in the 2020 Water Master Plan

Financial Information

Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ 300,000	\$ -	\$ -	\$ -	\$ -
Totals		\$ 300,000	\$ -	\$ -	\$ -	\$ -

Project Expenditures/Expenses						
Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Infrastructure Improvements	\$ 300,000	\$ -	\$ -	\$ -	\$ -	
Totals	\$ 300,000	\$ -	\$ -	\$ -	\$ -	

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)						
Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Personnel						
Operations						
Debt Service						
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Field Operations
Contact Person: Field Operations Supervisor
Project Title: **Distribution System Improvements**

Project Number:

Estimated Start Date: continuous
Estimated Completion Date: continuous

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification: Replace both potable and reclaimed water valves that do not work allowing for proper shutdowns for main repairs, etc. In the event of an emergency, the utility field crews will be able to safely restore service to customers in a more efficient and safe manner. This project will also include the replacement of fire hydrants that do not operate efficiently in order to provide proper fire protection for the City.

Financial Information

Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000
Totals		\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000

Project Expenditures/Expenses

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Infrastructure Improvements	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000
Totals	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000	\$ 325,000

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel					
Operations					
Debt Service					
Totals	\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Field Operations
Contact Person: Assistant Utilities Director
Project Title: East Gate Utilities Relocation - Phase 3

Project Number:

Estimated Start Date: FY 2021
Estimated Completion Date: FY 2023

<i>Potential Funding Sources</i>	
SRF Loans	Construction
State Grant	Will apply for
Water PCF's	10%
Sewer PCF's	10%

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification: Replace old failing gravity collection system piping and relocate to front of properties. Relocate old rear easement water mains to the front of properties. Improve flow characteristics in an identified problem area. Reduce sanitary sewer overflows which is an objective of the Wastewater Master Plan and a regulatory requirement. Relocate inaccessible rear easement water and sewer lines to allow for proper maintenance and repair, providing for improved water pressure and flows.

Financial Information						
Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
SRF Loan	421	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -
		-	-	-	-	-
Totals		\$ 2,500,000	\$ -	\$ -	\$ -	\$ -
Project Expenditures/Expenses						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Infrastructure Improvements		\$ 2,500,000	\$ -	\$ -	\$ -	\$ -
Totals		\$ 2,500,000	\$ -	\$ -	\$ -	\$ -
Impacts on Operations						
Operating Impacts (negative entries indicate an operating reduction)						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel						
Operations						
Debt Service						
Totals		\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Technical Unit
Contact Person: Technical Unit Supervisor
Project Title: **Meter Change Out Program**

Project Number:

Estimated Start Date: 10/1/2017
Estimated Completion Date: continuous

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification:

This will establish an ongoing replacement program to replace and refresh the mechanical and electronics of our existing water meter inventory. The replacements will help improve accuracy of aging meters that wear out mechanically and keep the technology to cellular communications. To date, 75% of meters are cell points.

Financial Information

Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Totals		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Project Expenditures/Expenses						
Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Infrastructure Improvements	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Totals	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)						
Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Personnel						
Operations						
Debt Service						
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Field Operations
Contact Person: Assistant Utilities Director
Project Title: **Water Main Replacement Program**

Project Number:

Estimated Start Date: continuous
Estimated Completion Date: FY 2025

<i>Potential Funding Sources</i>	
SRF Loans	Construction
Water PCF's	25%
Sewer PCF's	0%

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification:

Relocate water mains and associated appurtenances from the rear easement of properties. To safely and efficiently maintain water mains, service lines, valves and meters. Current rear lot locations hinder the City's ability to properly maintain and repair water mains and associated appurtenances due to the difficulty and/or lack of access to the facilities. In the event of a repair, significant damage is caused both in gaining access and performing the repair due to their locations. Many of these facilities are also heavily tuberculated resulting in possible water quality and decreased pressure problems.

Financial Information						
Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ -	\$ 500,000	\$ -	\$ -	\$ -
SRF Loan	421	2,000,000	-	2,000,000	-	-
Totals		\$ 2,000,000	\$ 500,000	\$ 2,000,000	\$ -	\$ -
Project Expenditures/Expenses						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Infrastructure Improvements						
Design		\$ -	\$ 500,000	\$ -	\$ -	\$ -
Construction		2,000,000	-	2,000,000	-	-
Totals		\$ 2,000,000	\$ 500,000	\$ 2,000,000	\$ -	\$ -
Impacts on Operations						
Operating Impacts (negative entries indicate an operating reduction)						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel						
Operations						
Debt Service						
Totals		\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Field Operations
Contact Person: Field Operation Supervisor
Project Title: **Water Service Line Replacement**

Project Number:

Estimated Start Date: continuous

Estimated Completion Date: continuous

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification: Replace old potable water service lines in areas with high leak reports. To decrease the number of service line breaks caused by brittle and old pipe. To improve water quality, minimize customer service interruptions and damage to surrounding areas caused by the service line failure and decrease the number of after hours calls for associated repairs.

Financial Information						
Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Totals		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Project Expenditures/Expenses						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Infrastructure Improvements		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Totals		\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Impacts on Operations						
Operating Impacts (negative entries indicate an operating reduction)						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel						
Operations						
Debt Service						
Totals		\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Water Production
Contact Person: Assistant Utilities Director
Project Title: **Deep Injection Well**

Project Number:

Estimated Start Date: 10/1/2023

Estimated Completion Date: 9/30/2025

<i>Potential Funding Sources</i>	
State Grant	Will apply for
SRF Loan	Construction
Water PCF's	100%
Sewer PCF's	0%

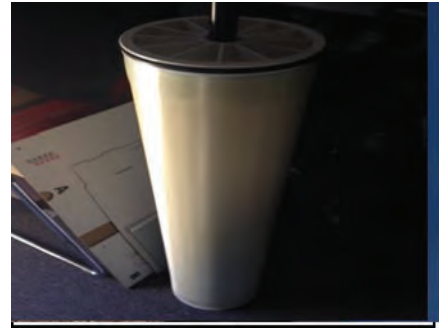
Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification: With concerns from the state environmental agencies and a requirement attached to the City's latest NPDES permit the City must look to change our current RO concentrate disposal method to a new deep injection well. A project study is currently moving forward to try to find a usable well site location.

Financial Information						
Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -
SRF Loan		-	-	10,000,000	-	-
Totals		\$ -	\$ 1,500,000	\$ 10,000,000	\$ -	\$ -
Project Expenditures/Expenses						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Improvements Other Than Buildings		\$ -	\$ 1,500,000	\$ 10,000,000	\$ -	\$ -
Totals		\$ -	\$ 1,500,000	\$ 10,000,000	\$ -	\$ -
Impacts on Operations						
Operating Impacts (negative entries indicate an operating reduction)						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel						
Operations						
Debt Service						
Totals		\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Water Production
Contact Person: Operations Supervisor
Project Title: **RO Membrane Replacement**

Project Number:

Estimated Start Date: FY 2024

Estimated Completion Date: FY 2025

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Maintain Service **Strategic Plan Goal:** Standard Operational Needs

Description/ Justification: Project is to replace the membranes for the City's four reverse osmosis water treatment units. These units are critical for the treatment of the City's drinking water. The current membranes have reached the end of their typical lifecycle which is 5 to 7 years. Current membranes were installed in late 2014. This task will include the purchase and installation of 216 membranes per skid or 864 total membranes.

Financial Information

Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ -	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -
Totals		\$ -	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -

Project Expenditures/Expenses						
Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Improvements Other Than Buildings	\$ -	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	
Totals	\$ -	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)						
Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Personnel						
Operations						
Debt Service						
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Water Production
Contact Person: Utilities Director
Project Title: **Water Booster Pump Station**

Project Number:

Estimated Start Date: 10/1/2018
Estimated Completion Date: 9/30/2026

<i>Potential Funding Sources</i>	
SRF Loans	Construction
Water PCF's	0%
Sewer PCF's	0%

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

**Description/
Justification:**

The RO plant can pump water from this facility to the distribution system in order to boost pressure for peak demand and to maintain fire protection to the NE portion of the City. The current facility has out of date equipment and does not have the capability to efficiently regulate flows remotely; moving and replacing the facility will improve personnel productivity time, save operation costs, improve the distribution of potable water, water pressures and fire flows. This project would include the addition of a chemical system to help maintain chlorine residuals in the area and installation of remote pressure sensors in the system which allows for more efficient monitoring of the utility system. Another part of this project would include a new emergency interconnect with Sarasota County as well as solar energy. (Total project cost \$23.5M).

Financial Information						
Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2026
SRF Loan	421	\$ 10,379,423	\$ -	\$ -	\$ -	\$ -
Totals		\$ 10,379,423	\$ -	\$ -	\$ -	\$ -
Project Expenditures/Expenses						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2026
Improvements Other Than Bldgs		\$ 10,379,423	\$ -	\$ -	\$ -	\$ -
Totals		\$ 10,379,423	\$ -	\$ -	\$ -	\$ -
Impacts on Operations						
Operating Impacts (negative entries indicate an operating reduction)						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2026
Personnel						
Operations						
Debt Service						
Totals		\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Water Production
Contact Person: Operations Supervisor
Project Title: **Well Management Program**

Project Number:

Estimated Start Date: FY 2021

Estimated Completion Date: FY 2024

<i>Potential Funding Sources</i>	
SRF Loan	Construction

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Maintain Service **Strategic Plan Goal:** Standard Operational Needs

Description/ Justification: Replace or re-drill and construct a production well. A permitted production well has failed and is now unusable. Returning this well to operation will ease the pumping demands on the City's existing older production well; thereby improving the over all water supply system. Additional engineering services began in FY 2021 on an overall wellfield assessment plan to include selecting new potential well sites.

Financial Information

Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
SRF Loan	421	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	\$ -
Totals		\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	\$ -

Project Expenditures/Expenses

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Improvements Other Than Buildings	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	\$ -
Totals	\$ 1,500,000	\$ 1,500,000	\$ -	\$ -	\$ -

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel					
Operations					
Debt Service					
Totals	\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Water Production
Contact Person: Utilities Director
Project Title: **WTP Improvements**

Project Number:

Estimated Start Date: continuous

Estimated Completion Date: continuous

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/Justification:

Improve condition of Water Treatment Facility by replacing components throughout the facility that are in need of repair or upgrade.

Financial Information

Funding Sources

Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Totals		\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000

Project Expenditures/Expenses

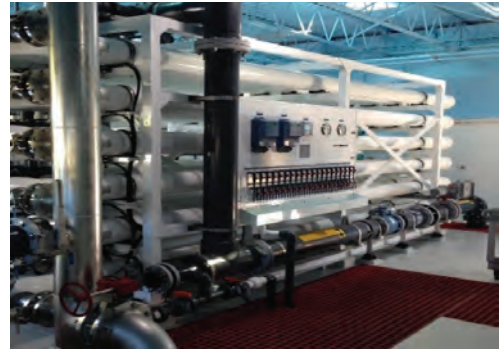
Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Improvements Other Than Bldgs	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Totals	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel					
Operations					
Debt Service					
Totals	\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Water Production
Contact Person: Operations Supervisor
Project Title: **WTP Second Stage Membrane Addition Phase 2**

Project Number:

<i>Potential Funding Sources</i>	
SRF Loan	Construction
Water PCF's	100%
Sewer PCF's	0%

Estimated Start Date: FY 2022

Estimated Completion Date: FY 2024

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Maintain Service **Strategic Plan Goal:** Required Regulatory

Description/ Justification: In order to provide additional production capacity, a second, second stage membrane RO skid is being added to the WTP treatment process. The city is modifying phase II of our plant by adding another second stage RO skid to allow the current skids to be operated at a recovery rate of 75%. This will allow the city to run all of its current skids at 75% recovery and will allow the city to further ease the pumping strain on its production wellfield and further reduce wasted water.

Financial Information

Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ 500,000	\$ -	\$ -	\$ -	\$ -
SRF Loan	421	-	3,000,000	\$ -	-	-
Totals		\$ 500,000	\$ 3,000,000	\$ -	\$ -	\$ -

Project Expenditures/Expenses						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Improvements Other Than Buildings	\$	500,000	3,000,000	-	-	-
Totals	\$	500,000	3,000,000	-	-	-

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel						
Operations						
Debt Service						
Totals	\$	-	-	-	-	-

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Water Production
Contact Person: Maintenance Supervisor
Project Title: **Onsite Emergency Generators at Wells**

Project Number:

Estimated Start Date: continuous

Estimated Completion Date: continuous

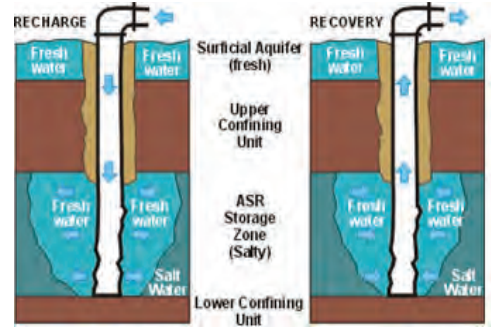
Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification: Install onsite emergency generator at appropriate well locations. Wells are extremely critical and need to remain fully operational to continue potable water treatment. The generators will provide emergency back up power during extended power outages.

Financial Information						
Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ 120,000	\$ 120,000	\$ 60,000	\$ -	\$ -
Totals		\$ 120,000	\$ 120,000	\$ 60,000	\$ -	\$ -
Project Expenditures/Expenses						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Machinery and Equipment		\$ 120,000	\$ 120,000	\$ 60,000	\$ -	\$ -
Totals		\$ 120,000	\$ 120,000	\$ 60,000	\$ -	\$ -
Impacts on Operations						
Operating Impacts (negative entries indicate an operating reduction)						
Activity		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel						
Operations						
Debt Service						
Totals		\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Water Reclamation
Contact Person: Assistant Utilities Director
Project Title: **Aquifer Storage and Recovery Well**

Project Number:

Estimated Start Date: FY 2019
Estimated Completion Date: FY 2025

<i>Potential Funding Sources</i>	
SWFWMD	50%
SRF Loan	Construction
Sarasota County	37.5%
Sewer PCF's	100%

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification: As we move into the future and have an increased demand for reclaimed water, it will be imperative that we have more storage capability. The addition of an Aquifer Storage and Recovery (ASR) well will allow for storing up to 2 MGD of reclaimed water during the wet season and recovering a similar amount for use during the dry season.

Financial Information

Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ 237,500	\$ 18,750	\$ 18,750	\$ -	\$ -
SWFWMD	421	1,200,000	75,000	75,000	-	-
Sarasota County	421	862,500	56,250	56,250	-	-
Totals		\$ 2,300,000	\$ 150,000	\$ 150,000	\$ -	\$ -

Project Expenditures/Expenses

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Improvements Other Than Bldgs	\$ 2,300,000	\$ 150,000	\$ 150,000	\$ -	\$ -
Totals	\$ 2,300,000	\$ 150,000	\$ 150,000	\$ -	\$ -

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel					
Operations					
Debt Service					
Totals	\$ -	\$ -	\$ -	\$ -	\$ -

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Field Operations
Contact Person: Assistant Utilities Director
Project Title: **Reclaimed Water Dist Syst Expansion**

Project Number:

Estimated Start Date: FY 2022
Estimated Completion Date: FY 2024

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification: An update to the Reclaimed Water Master Plan was completed in late 2016 and recommended multiple alternatives to modify the distribution system. Some of these recommendations include storage requirements, including an ASR well, exploring direct potable reuse and distribution improvements. Recent breaks result in DEP spill notifications. These spills can result in fines issued by DEP

Financial Information

Funding Sources						
Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ 500,000	\$ 1,000,000	\$ -	\$ -	\$ -
Totals		\$ 500,000	\$ 1,000,000	\$ -	\$ -	\$ -

Project Expenditures/Expenses						
Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Infrastructure Improvements	\$ 500,000	\$ 1,000,000	\$ -	\$ -	\$ -	
Totals	\$ 500,000	\$ 1,000,000	\$ -	\$ -	\$ -	

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)						
Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
Personnel						
Operations						
Debt Service						
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	

City of Venice, Florida
Capital Improvement Project Request
FY 2023



Department/Division: Utilities / Water Reclamation
Contact Person: Assistant Utilities Director
Project Title: **Reclaimed Water Storage Tank Conversion**

Project Number:

Estimated Start Date: FY 2024

Estimated Completion Date: FY 2024

Relationship to Community Vision and City Council Strategic Goals

Investment Objective: Upgrade Service **Strategic Plan Goal:** Upgrade City Infrastructure & Facilities

Description/ Justification: The existing potable ground storage tank to be converted for use as a reclaimed water storage tank. All necessary piping changes shall be included. Use of reclaimed water is based on demand and the amount of storage available. More storage is required for reclaimed water during times of low demand so it is available for times of high demand and for the City to have the ability to serve existing and imminent future customers.

Financial Information

Funding Sources

Funding Type	Fund	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Operating Revenue	421	\$ -	\$ 600,000	\$ -	\$ -	\$ -
Totals		\$ -	\$ 600,000	\$ -	\$ -	\$ -

Project Expenditures/Expenses

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Machinery and Equipment	\$ -	\$ 600,000	\$ -	\$ -	\$ -
Totals	\$ -	\$ 600,000	\$ -	\$ -	\$ -

Impacts on Operations

Operating Impacts (negative entries indicate an operating reduction)

Activity	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Personnel					
Operations					
Debt Service					
Totals	\$ -	\$ -	\$ -	\$ -	\$ -