

ORDINANCE NO. 03-2020

AN ORDINANCE OF THE TOWN COMMISSION OF THE TOWN OF LAKE PARK, FLORIDA, AMENDING ITS COMPREHENSIVE PLAN ADOPTING AMENDMENTS TO UPDATE AND IMPLEMENT THE 10-YEAR WATER SUPPLY FACILITIES WORK PLAN AS REQUIRED BY 163.3177, FLORIDA STATUTES; PROVIDING FOR UPDATED OBJECTIVES AND POLICIES WITHIN THE SANITARY SEWER/SOLID WASTE/DRAINAGE/POTABLE WATER/NATURAL GROUNDWATER AQUIFER RECHARGE, CONSERVATION, AND CAPITAL IMPROVEMENTS ELEMENTS OF THE COMPREHENSIVE PLAN; PROVIDING FOR THE TRANSMITTAL OF THE AMENDMENTS TO THE DEPARTMENT OF ECONOMIC OPPORTUNITY; PROVIDING THE REPEAL OF LAWS IN CONFLICT; PROVIDING FOR SEVERABILITY; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Florida Legislature has mandated that all municipalities adopt comprehensive plans to plan for and regulate the development of land within their corporate limits; and

WHEREAS, all amendments to a local government's comprehensive plan must be adopted in accordance with the provisions of Chapter 163, Part I, *Fla. Stat.*; and

WHEREAS, Section 163.3167(9), *Fla. Stat.* requires each local government to address in its Comprehensive Plan, the water supply sources necessary to meet and achieve the existing and projected water use demand for an established planning period; and

WHEREAS, Sub-section 163.3177(4)(a), *Fla. Stat.*, requires the Town of Lake Park (Town) to coordinate amendments to the water supply portion of its local Comprehensive Plan with the South Florida Water Management District's (SFWMD) regional water supply plan; and

WHEREAS, Section 163.3177(6)(c), *Fla. Stat.*, requires the Town

to prepare and adopt a 10-Year Water Supply Work Plan and to amend its comprehensive plan within 18 months after the SFWMD has approved its regional water supply plan or an update thereof; and

WHEREAS, the SFWMD approved its Lower East Coast Water Supply Plan Update on November 8, 2018; and

WHEREAS, the Town has worked in conjunction with Seacoast Utility Authority who is the designation regional supplier of potable water for that portion of Palm Beach County which includes the Town; and

WHEREAS, the Seacoast Utility Authority has worked in conjunction with Palm Beach County to ensure consistency between its water supply planning and that which is reflected in the Palm Beach County Comprehensive Plan; and

WHEREAS, the Town has prepared amendments to its comprehensive plan pursuant to Section 163.3177(6)(c), *Fla. Stat.*, which are consistent with the Work Plan which is contained within its Comprehensive Plan; and

WHEREAS, pursuant to Section 163.3184, *Fla. Stat.*, the Town has held public hearings before the Local Planning Agency and Town Commission prior to transmitting the proposed amendments to the of the plan to the Department of Economic Opportunity.

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COMMISSION OF THE TOWN OF LAKE PARK, FLORIDA, THAT:

Section 1: The whereas clauses are hereby incorporated as true and correct findings of fact of the Town Commission.

Section 2: The Town of Lake Park hereby adopts the updated 10-Year Water Supply Work Plan which is attached hereto and incorporated herein as Exhibit "A". The Town's Comprehensive Plan is hereby amended by adopting water supply related amendments to its current Comprehensive Plan; which amendments are set forth in Exhibit "B" and made a part hereof. These amendments specifically amend by adding Objectives and Policies to its Sanitary Sewer, Solid Waste, Drainage, Potable Water and Natural Groundwater Aquifer Recharge Element; Conservation Element; and Capital Improvements Element of the Comprehensive Plan.

Section 3: A copy of the Comprehensive Plan, as amended, shall be kept on file in the office of the Town Clerk, Town of Lake Park, Florida.

Section 4: The Community Development Department is hereby directed to transmit three copies of the amendments to the Department of Economic Opportunity; the Treasure Coast Regional Planning Council, and to any other unit of local government who has filed a written request for a copy, within 10 working days after adoption, in accordance with Section 163.3184(3)(b), *Florida Statutes*.

Section 5: Repeal of Laws in Conflict. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

Section 6: Severability. Should any section or provision of this Ordinance or any portion thereof, any paragraph, sentence or word be declared by a court of competent

jurisdiction to be invalid, such decision shall not affect the validity of the remainder of this Ordinance.

Section 7: Effective Date. The effective date of this ordinance shall be 31 days after the Department of Economic Opportunity notifies the Town that the plan amendment is complete. If timely challenged, this amendment shall not become effective until the Secretary of the Department of Economic Opportunity or the Administration Commission enters a final order determining the adopted amendment to be in compliance.

Upon First Reading this 18 day of March, 2020, the foregoing Ordinance was offered by Commissioner Linden, who moved its approval. The motion was seconded by Vice-Mayor Glas-Castro and being put to a vote, the result was as follows:

	AYE	NAY
MAYOR MICHAEL O'ROURKE	<u>/</u>	_____
VICE-MAYOR KIMBERLY GLAS-CASTRO	<u>/</u>	_____
COMMISSIONER ERIN FLAHERTY	<u>/</u>	_____
COMMISSIONER JOHN LINDEN	<u>/</u>	_____
COMMISSIONER ROGER MICHAUD	<u>Absent</u>	_____

PUBLISHED IN THE PALM BEACH POST THIS 9 DAY OF May, 2020

Upon Second Reading this 20 day of May, 2020, the foregoing Ordinance, was offered by Vice-Mayor Glas-Castro, who moved its adoption. The motion was seconded by Commissioner Linden and being put to a vote, the result was as follows:

	AYE	NAY
MAYOR MICHAEL O'ROURKE	<u>/</u>	_____
VICE-MAYOR KIMBERLY GLAS-CASTRO	<u>/</u>	_____
COMMISSIONER ERIN FLAHERTY	<u>/</u>	_____
COMMISSIONER JOHN LINDEN	<u>/</u>	_____
COMMISSIONER ROGER MICHAUD	<u>/</u>	_____

The Mayor thereupon declared **Ordinance No.** 03-2020 duly passed and adopted this 20 day of May, 2020.

TOWN OF LAKE PARK, FLORIDA

BY: [Signature]
Mayor, Michael O'Rourke

ATTEST:

[Signature]
Town Clerk, Vivian Mendez
TOWN OF LAKE PARK
SEAL
(Town Seal)
FLORIDA

Approved as to form and legal sufficiency:
[Signature]
Town Attorney, Thomas J. Baird



1851 W. Indiantown Road Suite 100 Jupiter FL 33458 www.nzconsultants.net denise@nzconsultants.net (561) 758.2252

April 24, 2020

Ms. Nadia Di Tommaso, FRA-RP, LEED Green Associate
Community Development Director
Town of Lake Park
Community Development Department
535 Park Avenue
Lake Park, FL 33403

Ref: NZ Consultants, Inc.: **ADOPTION** of Town of Lake Park 10-Year Water Supply Facilities Work Plan Update and Associated Comprehensive Plan Objective and Policies.

Dear Ms. Di Tommaso:

Please find attached a copy of the Town of Lake Park 10-Year Water Supply Facilities Work Plan Update for adoption at the anticipated May 20, 2020 Commission meeting. The March 18, 2020 Transmittal packet was provided to the Department of Economic Opportunity and review agencies, which provided their responses of no comment. Therefore, the attached adoption documents representing the Water Supply Facilities Work Plan and the Comprehensive Plan Policies have not been changed since the March 18, 2020 Transmittal Public Hearing with the exception of the cover page reflecting the public hearing dates.

In preparation of the anticipated May 20, 2020 Commission adoption public hearing, provided below is a summary of the amendments.

Update of the Lake Park 10-Year Water Supply Facilities Work Plan (WSFWP)

The Town's existing 2015 10-Year WSFWP and related Comprehensive Plan amendments were adopted on September 2, 2015, with Ordinance 07-2015. The purpose of the WSFWP is to identify and plan for the water supply sources and facilities needed to serve existing and new development within the local government's jurisdiction.

Pursuant to Chapter 163.3177, Florida Statutes, the Town's 10-Year WSFWP must be updated, along with any related Comprehensive Plan policy amendments within 18 months after the South Florida Water Management District approves or updates the regional water supply plan. The Lower East Coast Water Supply Plan Update was approved by the South Florida Water Management District (SFWMD) on November 8, 2018. Therefore, the local governments within the Lower East Coast jurisdiction shall update and adopt their water supply work plans for the 10-year planning horizon and provide any related amendments to their Comprehensive Plan policies by May 8, 2020.

Residents of the Town of Lake Park purchase their water directly from Seacoast Utility Authority (SUA). Through the Development Review Committee (DRC) process, the Town coordinates with SUA to ensure that

enough capacity is available for delivery to existing and future customers, and SUA ensures that supporting infrastructure, such as the water lines, are adequately maintained.

The updated Town WSFWP includes updates regarding Statutory requirements and relevant regional issues, existing conditions; current and projected water supply demands; SUA water commitments and conservation measures; and capital improvements.

As a result of this update and concurrent analysis of the existing Comprehensive Plan Goals, Objectives, and Policies (GOPs), the existing water supply planning GOPs in the Comprehensive Plan sufficiently address and support water supply planning for the 10-year planning horizon to 2030, and five (5) Objective/Policies are being amended through concurrent Comprehensive Plan amendments to reflect this update.

Please let me know if you have any questions or require anything further.

Best regards,

Denise Malone, AICP

Denise Malone, MPA, AICP
Planning Manager

Town of Lake Park
10 Year Water Supply Facilities Work Plan
Associated Comprehensive Plan Amendment - Goals, Objectives and Policies

As a reference, the following represents Comprehensive Plan associated amendments related to the Town's 10-Year Water Supply Facilities Work Plan Update and are in **bold and underline** (proposed new provisions) or ~~strike through~~ (proposed deleted provisions) format.

As GOPs are often amended outside of the cycle for Water Supply Plan amendments (i.e. Evaluation and Appraisal Report amendments every seven (7) years), these GOPs are being provided as reference and not made part of the officially adopted Water Supply Facility Work Plan. These amendments are processed concurrently with, but not made part of, the WSP update.

Sanitary Sewer, Solid Waste, Drainage, Potable Water and Natural Groundwater Aquifer Recharge Element

Objective 8:

The Town shall comply with its 120-year Water Supply Facilities Work Plan (Work Plan) adopted ~~May 20, 2020~~ ~~March 18, 2009~~, as required by section 163.3177(6)(c), F.S. within 18 months after the governing board of the South Florida Water Management District approved its Lower East Coast Water Supply Plan Update on ~~February 15, 2007~~ **November 8, 2018**. The Work Plan will be updated, at a minimum, every 5 years. The Town's Work Plan is designed to: assess current and projected potable water demands; evaluate the sources and capacities of available water supplies; and, identify those water supply projects, using all available technologies, necessary to meet the Town's water demands for a 120-year period.

Policy 8.1:

Comply with the Town of Lake Park's ~~2015~~ 120-Year Work Plan and incorporate such Work Plan by reference into the Town of Lake Park Comprehensive Plan.

Policy 8.2:

Coordinate appropriate aspects of its Comprehensive Plan with the South Florida Water Management District's regional Water Supply Plan adopted ~~February 15, 2007~~ **November 8, 2018** and with the Seacoast Utility Authority Palm Beach County 20 Year Water Supply Facilities Work Plan adopted ~~April 24, 2008~~ (Notice of Intent published July 18, 2008). The Town shall amend its Comprehensive Plan and Work Plan as required to provide consistency with the District, Seacoast Utility Authority, and Palm Beach County plans.

Monitoring Measure: The Work Plan shall remain consistent with the Seacoast Utility Authority Palm Beach County 20 Year Water Supply Facilities Work Plan, which is compatible with the Palm Beach County Water Use Permit renewals and with the projects listed in the South Florida Water Management District's Lower East Coast Regional Water Supply Plan. The Work Plan will be updated, at a minimum, every 5 years and within 18 months after the South Florida Water Management District's approval of an updated Lower East Coast Regional Water Supply Plan.

Conservation Element

Policy 6.67:

Implementation of the 120-year Work Plan shall ensure that adequate water supplies and public facilities are available to serve the water supply demands of any population growth that the Town may experience.

Capital Improvement Element

Policy 5.56:

The Town shall incorporate capital improvements affecting Town levels of service by referencing the Capital Improvements Schedules of Palm Beach County, state agencies, regional water supply authorities and other units of government providing services but not having regulatory authority over the use of land into its 5-Year Schedule of Capital Improvements. The Town Capital Improvement Element Schedule shall be maintained and updated annually and shall demonstrate that level of service standards will be maintained during the next five-year (~~201908/202009~~ through ~~202412/202513~~) planning period.



TOWN OF LAKE PARK 10-YEAR WATER SUPPLY FACILITIES WORK PLAN UPDATE

**LPA Public Hearing March 2, 2020
1st Reading Public Hearing March 18, 2020
Adoption Public Hearing May 20, 2020**

Prepared By:



We Plan and Design Memorable Places

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- 1. TOWN LOCATION MAP**
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1.0 INTRODUCTION

The purpose of the Town of Lake Park's 10-Year Water Supply Facilities Work Plan (Work Plan) Update is to identify and plan for the water supply sources and facilities needed to serve existing and new development within its local government's jurisdiction. The Town's first Work Plan was adopted on March 18, 2009 followed by the first 5-Year update on September 2, 2015. Chapter 163, Part II, F.S., requires local governments to prepare and adopt Water Supply Work Plans into their comprehensive plans within 18 months after the water management district approves a regional water supply plan or its update. Updates to the original Work Plan are required every five years.

The Town is located in the South Florida Water Management District region in southeast Florida (Map 1). The *Lower East Coast Water Supply Plan Update* (LEC) was approved by the South Florida Water Management District (SFWMD) on November 8, 2018 and covers a planning horizon from 2016-2040. Therefore, local governments within the South Florida Water Management District Lower East Coast jurisdiction should amend their comprehensive plans to adopt a Work Plan Update by May 8, 2020.

The Seacoast Utility Authority (SUA) is the designated regional supplier of potable water for portions of Palm Beach County, including the Town of Lake Park (Map 2). Customers include certain unincorporated areas of northern Palm Beach County, and the municipalities of Lake Park, Palm Beach Gardens, North Palm Beach and portions of Juno Beach. In that capacity, SUA supplies Town of Lake Park with potable water on an annual volume basis. The Town has no areas of domestic self-supply meaning, the Town relies on the SUA to provide all of its potable water needs.

The Town coordinates with SUA through the Development Review Committee (DRC) process to ensure that sufficient capacity is available, and SUA ensures that supporting infrastructure, such as water lines, are adequately planned for and maintained. The Town recognizes that in order to maintain a water supply system and conservation program there must be effective coordination with SUA. The Town sits on SUA's governing board and continues to enjoy an excellent working relationship with SUA in ensuring compliance with all regulations and guidelines. In accordance with the service agreement, Town staff coordinates with SUA to ensure enough capacity is available for existing and future customers and supporting infrastructure is adequately maintained.

The Work Plan references SUA's water projections and the initiatives identified in the LECWSP Update to ensure adequate water supply for the Town. According to state guidelines, the Work Plan and the comprehensive plan amendment must address the development of traditional and alternative water supplies, bulk sales agreements, and conservation and reuse programs that are necessary to serve existing and new development for at least a 10-year planning period. In order to ensure consistency with adopted regional and county planning efforts, the Work Plan uses the same population projections and 10-year planning horizon to 2030 as the Comprehensive Plan, and as provided for in the SFWMD LECWSP Update.

Town of Lake Park
10- Year Water Supply Facilities Work Plan Update

The Town's Work Plan Update is divided into six sections:

- Section 1 – Introduction
- Section 2 – Background Information
- Section 3 – Data and Analysis
- Section 4 – Capital Improvement Elements
- Section 5 -- Intergovernmental Coordination
- Section 6 – Goals, Objectives, Policies

1.1 Statutory History

The Florida Legislature has enacted bills in the 2002, 2004, 2005, 2011, 2012, 2015 and 2016 sessions to address the state's water supply needs. These bills, especially Senate Bills 360 and 444 (2005 legislative session), significantly changed Chapter 163 and 373 Florida Statutes (F.S.) by strengthening the statutory links between the regional water supply plans prepared by the water management districts and the comprehensive plans prepared by local governments. In addition, these bills established the basis for improving coordination between the local land use planning and water supply planning.

1.2 Statutory Requirements

The Town of Lake Park has considered the following statutory provisions when updating the Water Supply Facilities Work Plan (Work Plan):

1. Coordinate appropriate aspects of the Comprehensive Plan with the applicable RWSP [Section 163.3177(4)(a), F.S.].
2. Ensure the Future Land Use Plan is based on availability of adequate water supplies and public facilities and services [Section 163.3177(6)(a), F.S.]. Data and analyses demonstrating that adequate water supplies and associated public facilities will be available to meet projected growth demands must accompany all proposed Future Land Use Plan and Plan amendments submitted for review.
3. In consultation with the water supplier, ensure adequate water supplies and potable water facilities are available to serve new development no later than the issuance by the local government of a certificate of occupancy or its functional equivalent [Section 163.3180(2), F.S.].
4. For local governments subject to an RWSP, revise the General Sanitary Sewer, Solid Waste, Drainage, Potable Water, and Natural Groundwater Aquifer Recharge element (the "Infrastructure element") through a Comprehensive Plan amendment to:
 - a. Identify and incorporate the alternative water supply project(s) selected by the local government from projects identified in the applicable RWSP, or alternative project(s) proposed by the local government under Section 373.709(8)(b), F.S. [Section 163.3177(6)(c), F.S.];

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- b. Identify the traditional and alternative water supply projects and the conservation and reuse programs necessary to meet water needs identified in the applicable RWSP [Section 163.3177(6)(c)3., F.S.]; and
 - c. Update the Work Plan for at least a 10-year planning period for constructing the public, private, and regional water supply facilities identified in the element as necessary to serve existing and new development [Sections 163.3177(6)(c)3. and (5), F.S.].
5. Revise the Five-Year Schedule of Capital Improvements to include water supply, reuse, and conservation projects and programs to be implemented during the 5-year period [Section 163.3177(3)(a)4., F.S.].
6. To the extent necessary to maintain internal consistency after making changes described in Paragraph 1 through 5 above, revise the Conservation element to assess projected water needs and sources for at least a 10-year planning period, considering the applicable RWSP and water use permit(s) [Section 163.3177(6)(d), F.S.]. The comprehensive plan must address the water supply sources necessary to meet the existing and projected water use demand for the established planning period, considering the applicable RWSP [Section 163.3167(9), F.S.].
7. To the extent necessary to maintain internal consistency after making changes described in Paragraphs 1 through 5 above, revise the Intergovernmental Coordination element to ensure consistency between the Comprehensive Plan and the applicable RWSP [Section 163.3177(6)(h)1., F.S.].
8. Local governments are required to comprehensively evaluate and update the Comprehensive Plan to reflect changes in local conditions every seven years. The evaluation could address the local government's need to update their Work Plan, including the development of alternative water supplies, and determine whether the identified alternative water supply projects, traditional water supply projects, and conservation and reuse programs are meeting local water use demands [Section 163.3191(3), F.S.].
9. Local governments may be exempt from updating their Work Plan if they meet certain criteria. A local government that does not own, operate, or maintain its own water supply facilities and is served by a public water supply entity with a permitted allocation of 300 million gallons per day or greater is not required to amend its Comprehensive Plan when an RWSP is updated if the local government uses less than 1 percent of the public water supply entity's total permitted allocation. However, the local government must cooperate with the public water supply entity that provides service within its jurisdiction and must keep the Sanitary Sewer, Solid Waste, Drainage, Potable Water, and Natural Groundwater Aquifer Recharge element up to date, pursuant to Section 163.3191, F.S. A local government should contact the Florida Department of Economic Opportunity (DEO) to verify its qualifications for the exemption [Section 163.3177(6)(c)4., F.S.].

Town of Lake Park
10- Year Water Supply Facilities Work Plan Update

10. Local governments with a Sector Plan adopted in accordance with Section 163.3245, F.S., should incorporate information from the adopted Sector Plan, Master Plan, and Detailed Specific Area Plan into the Work Plan. The focus should be on water needs, water supply and resource development, conservation measures, and intergovernmental coordination activities with the SFWMD and water supply development projects needed to address projected development in the Sector Plan area [Section 163.3245, F.S.].

1.3 Relevant Regional Issues

As the State agency responsible for water supply in the Upper and Lower East Coast planning areas, the SFWMD plays a pivotal role in resource protection, through criteria used for Consumptive Use Permitting. As pressure increased on the Everglades ecosystem resource, the SFWMD Governing Board initiated rulemaking to limit increased allocations dependent on the Everglades system. As a result, the Regional Water Availability Rule was adopted by the Governing Board on February 15, 2007 as part of the SFWMD's water use permit program. This reduced reliance on the regional system for future water supply needs, mandates the development of alternative water supplies, and increased water conservation and reuse.

The following are the regional issues identified for 2040 in the Lower East Coast Planning Region:

1. Fresh surface water and groundwater are limited; further withdrawals could have impacts on the regional system, wetlands, existing legal uses, and saltwater intrusion. As a result, additional alternative water supplies need to be developed.
2. Surface water allocations from Lake Okeechobee and the Water Conservation Areas are limited in accordance with the Lake Okeechobee Service Area RAA criteria.
3. Construction of additional storage systems (e.g., reservoirs, aquifer storage and recovery systems) to capture wet season flow volumes will be necessary to increase water availability during dry conditions and attenuate damaging peak flow events from Lake Okeechobee.
4. Expanded use of reclaimed water is necessary to meet future water supply demands and the Ocean Outfall Law.
5. Expanded use of brackish groundwater from the Floridan aquifer system requires careful planning and wellfield management to prevent undesirable changes in water quality.

Although not all of these overarching regional issues are applicable to the SUA service areas, many of these issues are addressed at the local SUA service area level as noted throughout this Work Plan.

2.0 BACKGROUND INFORMATION

2.1 Overview

The Town of Lake Park, approximately 2.35 square miles, is a municipality of 8,916 permanent residents based on the 2019 population Bureau of Economic and Business Research (BEBR) estimate¹. The Town was chartered as Kelsey City in 1923, and officially renamed as the Town of Lake Park in 1939. Adjacent municipalities include North Palm Beach to the north, Palm Beach Gardens to the northwest, West Palm Beach to the west, and Riviera Beach to the south.

Referred to as the "Gateway to the Palm Beaches" and the "Jewel of the Palm Beaches" since the 1920s, the Town was designed and planned by Dr. John Nolen of Boston, Massachusetts, and the Olmsted Brothers, sons of Frederick Law Olmsted who has long been acknowledged as the founder of American landscape architecture and who, along with his partner Calvert Vaux, designed New York City's Central Park. Kelsey City was the first zoned municipality in the State of Florida. Since then, the boundaries of Lake Park have expanded to 2.35 square miles of residential, business, industrial, and mixed-use land.

While Lake Park has a small town character and population, it is home to several industries including construction, manufacturing, and retail and wholesale trade. Its business-friendly regulatory climate and atmosphere are supportive to business development and entrepreneurship.

As the Town is near build-out, particularly from a residential land use perspective, increases in population will come from the redevelopment of existing residential areas and conversion of non-residential land uses to residential. Even with existing vacant land in the western portion of the Town, most of this is being prepared for commercial development. Most of the remaining vacant land is commercial or industrial in nature. As a result, the Town has been investigating redevelopment efforts both within and without the Community Redevelopment Area (CRA).

As also shown in Map 1, the water distribution service area for the Town includes only those areas within its municipal boundaries. The Town's Water Supply Plan Update was written in coordination with the SUA, and with the water supply plans adopted by SFWMD and Palm Beach County pertaining to population and water supply demand projections, and the components of the Work Plan Update.

3.0 DATA AND ANALYSIS

3.1 Overview

¹ Note: Population estimates for the Town are based on the Medium BEBR projections for the County and are estimated to be 0.0062 percent of the County population through the planning period. A variety of population estimates are identified by BEBR, SFWMD, Palm Beach County, and SUA in their planning efforts. In order to remain consistent with other planning documents, the estimates to be used were determined by SFWMD as part of the 2018 LEC Update (p. 23).

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The Town of Lake Park (See Map 1 Town of Lake Park General Location Map) does not own or operate its own potable water supply system. Rather, potable water facilities and services are provided by the SUA. SUA, with a service area of approximately 65 sq. miles, serves potable water to the Town of Lake Park, as well as unincorporated areas of Palm Beach County and the municipalities of Juno Beach, City of Palm Beach Gardens, and the Village of North Palm Beach (See Map 2 SUA Service Area). The western portion of the service area is maintained by SUA; however, water is sourced from Palm Beach County Water Utilities Department. An emergency interconnect is planned with the City of West Palm Beach.

Potable water supplies are obtained from four Surficial Aquifer System (SAS) wellfields, and one Floridan Aquifer System (FAS) wellfield. It should be noted that SUA does not own or operate potable water supply wells within the Town limits. Water is treated at a Low-Pressure Reverse Osmosis (LPRO) Water Treatment Plant (WTP), and at a nanofiltration WTP that replaced the lime softening WTP in 2013. SUA's water use permit includes an overlap in allocations from SAS and FAS sources to provide operational flexibility on a seasonal basis. However, the permit has a maximum annual allocation from the two sources combined, along with specific wellfield withdrawal limitations. The utility maintains interconnections with the Town of Jupiter and City of Riviera Beach.

All five entities that receive water and services are members of the SUA Governing Board. All responsibilities for the withdrawal, treatment, bulk purchase, and distribution of potable water to the residents and businesses of Lake Park are assumed by SUA, including the direct billing of customers. SUA requires developers to upgrade the capacity of existing systems, and/or build new systems to meet their needs through the coordinated DRC process. In most cases, upon completion, SUA assumes ownership, operation, and maintenance responsibilities of all related systems.

3.2 Existing Conditions

SUA has a 30.5 million gallons per day (MGD) membrane Water Treatment Plant, built in 2006, located at their Hood Road facility in Palm Beach Gardens. The facility utilizes nanofiltration and low pressure reverse osmosis membrane technology. The plant can treat up to 26 MGD of surficial aquifer water, and 3.5 MGD of Floridan Aquifer water and 1.0 MGD blend capacity.

After construction of the Hood Road membrane water treatment plant, SUA further expanded its water supply capacity by adding three more Floridan Aquifer wells and one surficial aquifer well with associated Floridan raw water main.

SUA's existing water storage and transmission include seven 2-million-gallon ground storage tanks at the Hood Road facility, one 0.75 MB elevated storage tank at the Hood Road facility, two 1-million-gallon ground storage tanks at the Lilac Street facility, two 2-million gallon tanks at the Richard Road facility, a finished water transmission main connecting Richard Road and Hood Road facilities, and miscellaneous pumping and control systems at Richard Road and Lilac Street facilities.

SUA began feasibility work that will lead to construction of two new low pressure reverse osmosis skids adding 3.5 MGD of Florian aquifer brackish water treatment capacity.

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SUA also purchased a 6.12-acre parcel of surficial aquifer wellfield property located on Park Lane, immediately south of the Richard Road facility, securing permanent rights to construct a replacement well at this location.



Photo 1: SUA Water Tower Hood Road Facility; Photos 2 and 3: Aerial view of Richard Road and Hood Road Water Plants 2018

3.3 Water Source

In 2018, SUA withdrew an average of 18.70 MGD of total raw water from the Surficial Aquifer System (SAS), plus 2.72 MGD from the brackish Floridan Aquifer System (FAS), for a total of 20.42 MGD of raw water for all customers, including Lake Park.

Projections of raw water supply and finished water demand from SUA’s 2012 SFWMD water use permit, as currently used today, are presented in Table 1. Projections of finished water demand by expected supply component are presented in Table 2, and include the Scripps Florida Phase II/Briger Development of Regional Impact (DRI) future water demand. This DRI is currently known as the Alton Planned Community Development (PCD)

Table 1: Total SUA Current and Projected Water Supply and Demand*

Year	Raw Water Withdrawal (MGD)	Finished Water Demand (MGD)
2015	21.88	17.50
2020	23.33	18.62
2025	24.77	19.69
2030	26.30	20.69
2032	26.63	21.09

*Demand under average conditions
 Source: SUA (May 2019)

Town of Lake Park
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Table 2: Total SUA Current and Projected Water Supply by Source (MGD)

Year	Biscayne/Surficial Aquifer	Floridan Aquifer	Total
2015	18.21	0.00	18.21
2020	22.30	1.03	23.33
2025	22.30	2.47	24.77
2030	22.30	3.53	25.83
2032	22.30	4.33	26.63

Source: SUA (May, 2019)

The current 20-year duration SUA Public Water Supply consumptive use permit (CUP-50-00365-W) was issued by the SFWMD in September 2012. This permit authorizes an average-day surficial aquifer allocation of 22.3 MGD, a Floridan aquifer allocation of 8.9 MGD, and expires in 2032.

Raw water is presently drawn from four surficial aquifer wellfields (Hood Road, North Palm Beach, Burma Road, Palm Beach Gardens), with North Palm Beach and Burma Road wellfields possibly being combined, and six Floridan aquifer wells with three located on SUA’s 40-acre Hood Road administration/water plant site, pursuant to the current CUP. Each of the wellfields has permitted average and maximum daily withdrawal rates established by CUP conditions.

Each wellfield also has protection zones mapped by the Palm Beach County Department of Environmental Resources Management and are protected by the Palm Beach County Wellfield Protection Ordinance. Zones of protection are developed, and zone requirements are enforced by the Palm Beach County Department of Environmental Resources Management.

The CUP further states that the potential for induced movement of contaminants from known sources of pollution to occur as a result of the withdrawal of the recommended allocation is considered minimal.



Photo 4: Surficial Aquifer Well

3.4 Water Treatment Capacity

SUA completed an \$88 million, five-year capital improvements program, replacing two lime softening treatment facilities having an aggregate 30.5 MGD treatment capacity with a single 30.5 MGD membrane water treatment plant (FDEP Permit # 4501124).

The facility, placed in service on May 21, 2014, includes 26.0 MGD of nanofiltration capacity to treat surficial aquifer water sources, 4.5 MGD of low pressure reverse osmosis capacity to treat more brackish Floridan aquifer water, and 1.0 MGD of blend capacity.

This membrane water treatment plant replaced the two lime softening plants – built in 1957 and 1976. Benefits include improved drinking water quality. And, whereas, the original plants generated tons of lime sludge each day the waste material generated by the nanofiltration membrane process is a liquid which is blended with reclaimed water at SUA's PGA Wastewater Reclamation Facility, then used for irrigation or buffering wetland areas against the impacts of seasonally varying ground water levels.

3.5 Water Supply Provided by Palm Beach County

In September 2005, the County entered into a Service Area Agreement (R2005-1769) with SUA defining the service area boundary between SUA and the County. The boundaries agreed to were intended to eliminate or minimize duplication of facilities; provide for orderly growth, expansion and extension of respective water, wastewater, and reclaimed water utility systems. The Agreement benefited existing and future SUA and County utility customers by ensuring the most efficient delivery of public utility services.

In June 2006, the County entered into a Utility Bulk Service Agreement (R2006-0687) to provide SUA with up to five (5) million gallons per day (mgd) of bulk potable water and bulk wastewater service during an initial term of five (5) years. SUA extended the Bulk Agreement for a long-term period of twenty-five (25) years at the same capacity levels.

3.6 Population Projections

As stated previously, for the purpose of water supply planning, the LEC projections were utilized for the SUA Service Area. As shown In Table 3, the LEC Update states that the SUA service area had a population of 90,703 in 2016 and estimates 94,330 for 2020.

Population projections for the Town of Lake Park have been obtained from the Palm Beach County Planning Division and the LEC projections. The figures indicate a slight growth potential within the planning horizon as the Town continues to attract new residential and non-residential development within the Town limits, particularly within the Federal Highway/US 1 Mixed-Use and redevelopment area, and around the marina.

Table 3 Population Projections

Year	Resident Population Projections		Lake Park's Share of Service Area
	SUA Service Area ¹	Lake Park ²	
2016	90,703	8,606 ³	9.4%
2020	94,330	8,670	9.2%
2025	98,320	8,834	9.0%
2030	101,276	9,114	9.0%

1. Source: 2018 LECWSP, Appendices. Table B-1.

2. Source: Palm Beach County Planning Division, Population Allocation Model, 2015, unless otherwise noted.

3. Source: Palm Beach County Planning Division, Population Allocation Model 2015 for the Year 2015

3.7 Level of Service Standard

Policy 1.1 of the Town's Sanitary Sewer, Solid Waste, Drainage, Potable Water and Natural Groundwater Aquifer Recharge Element references the following Town's LOS Standards.

"Public Facility, Potable Water, Level of Service Standard"

Average Day Water Consumption Rate

Residential: 97 gallons/capita/day

Non-residential: 1,777 gallons/capita/day

Maximum Day Water Consumption Rate

Residential: 146 gallons/capita/day

Non-residential: 2,666 gallons/capita/day

The above rates are to be used only as a planning guide for the Town of Lake Park. Actual determination of flow rates used as a basis for plant capacity, main extension, and tax charges shall be negotiated by individual property owners and SUA through the "Developer's Agreement process."

SUA's average daily generation rate is 189 gallons per capita per day (gpcd) for planning purposes. SUA also uses this average daily generation rate for planning purposes, which is consistent with the current system-wide usage (i.e., CUP 50-00365-W). SUA does not employ a non-residential generation rate; rather, all consumption for planning purposes is expressed on a per capita basis. For the purpose of the Town's Work Plan, the SUA generation rate of 189 gpcd is used to project the Town's water which is higher than the Town LOS and relatively consistent with the LEC rate of 191 gpcd.

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The Town will continue to encourage the reduction of annual average per person demand pursuant to policies in the comprehensive plan as coordinated by SUA, Palm Beach County and the South Florida Water Management District.

3.8 Potable Water Demand Projections for the Town

Projections of finished water demand for the Town are presented in Table 4. Seasonal adjustments were not considered in the 2012 SFWMD Water Use Permit projections and are not included in the table.

Current (2020) finished potable water demand for the Town is estimated at 1.63 MGD (i.e., resident population of 8,670 residents x 189 gallons per capita per day, converted to million gallons per day-MGD), representing approximately 9% of the total (18.62 MGD) within the SUA service area.

It is projected that the Town’s potable water demand for 2030, using population projections obtained from the Palm Beach County Planning Division (i.e., resident population of 9,114 residents per Table 4) will attain a level of 1.72 MGD by 2030, or approximately 9% of the total demand within the SUA Service Area. The Town will continue coordinating with SUA through the DRC process to estimate and project potable water use and needs throughout the entire service area.

Table 4 Lake Park Projected Finished Water Demand

Year	Lake Park Population Projections	Potable Water Demand (MGD) ²
	Residents ¹	
2015	8,606	1.63
2020	8,670	1.64
2025	8,834	1.67
2030	9,114	1.72

1. Source: Palm Beach County Planning Division, Population Allocation Model, 2015, unless otherwise noted.

2. Residents x 189 gpcd, converted to MGD.

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Town of Lake Park
10- Year Water Supply Facilities Work Plan Update

The LEC provides the projected potable water demand for the SUA, which includes the Town of Lake Park. Since SUA provides water to all municipalities served by this authority and permits the use of such water with individual property owners through the use of development agreements, the analysis of the Town’s water needs is listed as part of the SUA (Tables 1 and 5).

Table 5 SFWMD Seacoast Utility Authority Summary Table

Population and Finished Water Demand						
		Existing	Projected			
		2016	2020	2030	2040	
Population		90,703	94,330	101,276	105,926	
Average 2012-2016 Per Capita (gallons per day finished water)		191				
Potable Water Demands (daily average annual finished water in mgd)		17.32	18.02	19.34	20.23	
SFWMD Water Use Permitted Allocation (mgd)						
Potable Water Source		Permit Number 50-00365-W (expires 2032)				
SAS		22.30				
FAS		8.90				
Total Allocation		26.92				
FDEP Potable Water Treatment Capacity (PWS ID # 4501124)						
Permitted Capacity by Source		Cumulative Facility & Project Capacity (mgd)				
		Existing	Projected			
		2016	2020	2030	2040	
SAS		27.50	27.50	27.50	27.50	
FAS		3.00	3.00	3.00	3.00	
Total Potable Capacity		30.50	30.50	30.50	30.50	
Nonpotable Alternative Water Source Capacity (mgd)						
Reclaimed Water		15.00	15.00	15.00	15.00	
Total Nonpotable Capacity		15.00	15.00	15.00	15.00	
Project Summary						
Water Supply Projects	Source	Completion Date	Total Capital Cost (\$ million)	Projected Cumulative Design Capacity (mgd)		
				2020	2030	2040
Potable Water						
FAS well F-6	FAS	2018	\$4.00	2.00	2.00	2.00
FAS well F-9	FAS	2020	\$4.00	0.00	2.00	2.00
Total Potable Water			\$8.00	2.00	4.00	4.00
Nonpotable Water						
No Projects						
Total Nonpotable Water			\$0.00	0.00	0.00	0.00
Total New Water			\$8.00	2.00	4.00	4.00

Source: SFWMD 2018 LEC Appendix E, Public Water Supply Utility Summaries, Page E-22

3.9 Conservation and Reuse

Water conservation is the key to maintaining the health and productivity of the Surficial and Floridan Aquifers. Promoting water conservation equipment, techniques, and practices will benefit customers economically and maintain a realistic water demand picture for utilities. Protection of the aquifer system and wellfields through conservation and reuse, recharge enhancement, limitations on withdrawal, regulation of land use, and maintenance of minimum flows and levels will ensure the availability of an adequate water supply for all competing demands, maintain and enhance the functions of natural systems and preserve water quality.

3.9.1 Town Efforts

The Town of Lake Park works in coordination with county, regional, state and SUA efforts aimed at promoting conservation through a variety of means including:

- A low per capita water use rates.
- Mandatory reclaimed water service areas.
- Blending source waters.
- Inverted rate structure.
- Conservation policies and regulatory tools.
- Public education.
- Offering low-cost kits to its customers to reduce water use in their homes.

The Town will coordinate future water conservation and reuse efforts with SUA, Palm Beach County, and the SFWMD to ensure that proper techniques are applied. In addition, the Town will continue to support and expand existing goals, objectives and policies in the comprehensive plan that promotes water conservation and reuse in a cost-effective and environmentally sensitive manner. The Town will continue to actively support the SFWMD and Palm Beach County in the implementation of new regulations or programs that are design to conserve water during the dry season. Finally, Lake Park will administer its own water conservation practices.

The Town's water conservation practices are aimed at Florida friendly landscaping/irrigation and effective implementation of water use permits. Ordinance No. 3, 1992 supports the restrictions on irrigation of landscape areas and design of low impact watering landscaping.

Ordinance 10-02-04 is designed to preserve the authority of the Town to determine and implement water conservation measures required by a water use permit. Together these ordinances provide the Town effective water conservation practices.

Ordinance 07-2013, adopted June 5, 2013, created new Article IV entitled "Florida Friendly Fertilizer Use" to reduce irrigation and non-point sources of nutrient pollution.

The Town will be adopting Florida Friendly Irrigation provisions including addressing Year-Round landscape irrigation conservation measures to comply with 40E-24-201 FAC.

3.9.2 SUA Efforts

The SUA, and therefore the Town of Lake Park, implement water conservation through the following Ordinances: Irrigation Hours, Florida-Friendly Landscape, Ultralow Volume Fixtures, Rain Sensor, Water Conservation Rate Structure, Leak Detect & Repair Program and Public Education Program.

SUA has included an extensive conservation program as part of its CUP, including the following components:

Town of Lake Park
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- Permanent Irrigation Ordinance - Palm Beach County adopted a Water and Irrigation Conservation Ordinance on January 19, 1993. This ordinance, which limits lawn irrigation to the hours of 5 p.m. to 9 a.m., is in effect countywide unless municipalities adopt an irrigation ordinance of their own.
- Xeriscape Ordinance - Section 7.3.1 of the Palm Beach County Unified Land Development Code requires that all new landscape plans promote water conservation by achieving a minimum score on a water conservation point scale.
- Ultra-Low Volume Plumbing Fixtures - All five participating governments within SUA have adopted the Standard Plumbing Code, 1994 Edition, as amended, which provides for maximum flow of volumes for various plumbing fixtures in all new construction.
- Water Conservation Rate Structure - on June 1, 1994, SUA implanted a rate structure that incorporated inclining block commodity rates. SUA has indicated that the rate structure has been successful in encouraging water conservation.
- Automated Radio Read (AMR) with high use notification to SUA and customer.
- Leak Detection - SUA field personnel area trained to identify leaks using leak detection equipment and techniques. In addition, all accounts are metered, and SUA has an active meter testing and change-out program that test all large meters annually for accuracy, and replaces smaller meters on either a "fixed service life" or "maximum mileage" basis.
- Rain Sensor Devices - Currently, all five member governments within SUA have code requirements for the installation of rain sensor overrides for new lawn irrigation systems.
- Water Conservation Education Program - SUA has an extensive public conservation education program and provides conservation-related pamphlets in its customer lobby.
- Reclaimed Water - SUA has been providing wastewater effluent for irrigation purposes since 1978. At present, SUA's entire average daily wastewater flow is committed to active on-line reclaimed water consumers. An inventory of contracts for reclaimed water in the SUA service area is presented in Table 7 below.

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Table 6
SEACOAST UTILITY AUTHORITY
RECLAIMED WATER COMMITMENTS
February 6, 2019

SITE	ALLOCATION	
CLASS A GUARANTEED COMMITMENTS		
Eastpointe Country Club	0.300	208
Eastpointe Golf and Racquet	0.300	208
Eastpointe Homeowners (Briar Lake)	0.100	69
Frenchmans Creek	0.600	347
Mirasol	1.750	1,215
Mariners Cove	0.100	69
Oak Harbour	0.080	56
Old Port Cove	0.200	139
Frenchmans Reserve	0.800	568
The Isles	0.300	208
PGA Boulevard Streetscape	0.020	14
MacArthur (Regional) Center	0.700	488
Old Palm Golf Club (Through same meter as MacArthur allocation below, total 1.8 MGD)	0.800	568
Royale Harbour Condominium	0.040	28
North Palm Beach Country Club	0.300	208
Mirasol Walk	0.055	38
Governors Pointe	0.050	35
Palona	0.300	208
Waterway Terrace Condominium	0.031	22
Gemini Condominium	0.034	24
Seasons 52 Restaurant	0.053	38
FPL Administrative Complex	0.055	38
FPL Monol Substation	0.004	3
Southampton	0.039	27
Bent Tree	0.060	42
Seamark Condominium	0.010	7
Juno Bay Colony	0.080	56
Cimarron Cove	0.050	35
Old Palm Residential	0.430	299
Palm Beach Gardens City Park Sports Complex	0.062	43
Alton	0.225	156
Subtotal, Class A Agreements	7.830	5438
MACARTHUR SITES		
Abacoa (through ENCON interconnect)	1.000	694
Ballen Isles East	0.750	521
Ballen Isles West	0.750	521
The Bears Club (through ENCON interconnect)	0.500	347
Old Palm	1.000	694
Subtotal, MacArthur Sites	4.000	2,778
TOTAL, ACTIVE CLASS A GUARANTEED COMMITMENTS	11.830	8,216
CLASS A COMMITMENTS, CONTRACTED BUT NOT ON LINE		
TOTAL CLASS A COMMITMENTS, CONTRACTED BUT NOT ON LINE	0.000	0.000
GRAND TOTAL, SEACOAST RECLAIMED WATER CONTRACTS	11.830	8216

Source: SUA, 2019

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SUA's Palm Beach Gardens regional water reclamation facility is located adjacent to the mirasol community, within the Palm Beach Gardens City limits. The facility has a 12.0 mgd capacity and has a current flow of 8.0 mgd. 100% of the daily flow is recycled to 36 large volume uses, supplementing its 8.0 mgd wastewater flow. SUA recycles up to 2.5 mgd of nanofiltration concentrate from its membrane water treatment process, 1.5 mgd from SFWMD's permitted ground and surface water resources, and 0.5 mgd from a former potable water supply that is no longer suited for that purpose.

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4.0 CAPITAL IMPROVEMENTS

4.1 Service Area Initiatives

In September 2006, SUA entered into a Service Area Agreement (R2005-1769) with Palm Beach County defining the service area boundary between the two providers. Delineation of the service area boundary was intended to eliminate or minimize duplication of facilities, and to provide for the orderly growth, expansion, and extension of respective water, wastewater, and reclaimed water utility systems. The Agreement benefited existing and future SUA customers by ensuring the most efficient delivery of public utility services.

The current SUA Consumptive Use Permit issued by the SFWMD 2012 ensures adequate water supply throughout the service area through 2032, along with the various improvements completed by SUA since the Town's 2015 Work Plan Update, SUA has ensured adequate water supply for its service area through 2030, provided that there are no unforeseen impacts on existing and planned supplies.

In addition, the SUA system is interconnected with the Town of Jupiter and City of Riviera Beach water utility systems in the event of an emergency shortage. Interconnections are detailed in Table 8 and shown in Map 2. Further, SUA has a Utility Bulk Service Agreement (R2017-0444) with Palm Beach County to provide SUA with up to 5 MGD of bulk potable water and bulk wastewater service. The Bulk Agreement's initial term is 30 years with 5-year automatic extensions.

Table 7 SUA Interconnections

Entity	Size (inches)	Capacity (gpm)	Location
Jupiter	16	4,000	SR 811 and Donald Ross Road
Jupiter	10	2,500	US 1 and Ocean Drive
Jupiter	12	3,500	Jog Road and Donald Ross Road
Riviera Beach	12	3,500	Military Trail and Leo Lane
Palm Beach County ¹	8	3,500	Northlake Boulevard at Palm Beach Gardens municipal golf course
Palm Beach County ¹	10	5,500	Northern terminus at Grapevine Boulevard and Royal Palm Beach Acreage

Source: SUA, 2019.

1. Western service area meters are not interconnected with the rest of SUA's system.

Finally, as an emergency back-up to the Palm Beach County interconnect discussed in Section 3.4, SUA plans to construct a water system interconnect with the City of West Palm Beach in 2020. Figure 1 below depicts the locations for the interconnections.

Figure1 SUA Interconnections



4.2 Work Plan Projects

The LECWSP 2018 Water Supply Plan, Table 8.1 Proposed potable and non-potable Public Water Supply development projects in the LEC Planning Area (2016 to 2040) identifies two Public Water Supply projects for SUA, as shown below.

County	Implementing Agency or Entity	Project Name	Project Description	Project Capacity (mgd)	Total Capital (\$M)	Estimated Completion Date
Potable – FAS						
Palm Beach	Seacoast Utility Authority	FAS Well F-6	Construct FAS water supply well and connecting raw water transmission main.	2.00	4.00	2018
Palm Beach	Seacoast Utility Authority	FAS Well F-9	Construct FAS water supply well and connecting raw water transmission main.	2.00	4.00	2020

Source: LECWSP 2018, Table 8-1

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The FAS Well F-6 was completed August 2019. The FAS Well F-9 is currently under construction, with completion estimated in May of 2020. These wells support Low Pressure Reverse Osmosis (LPRO) expansion from 3.5 MGD to 20 MGD.

4.3 Capital Improvements Schedule

Current and projected water supply by SUA is summarized in Table 9. Since any projects required to meet these demands are part of the SUA Capital Improvement Plan, they are not included in the Town’s Five-Year Schedule of Improvements.

Table 8

SUA SERVICE AREA CURRENT AND PROJECTED WATER SUPPLY IN MGD*				
Item	Actual	Projected		
	2016	2020	2025	2030
Population ¹	90,703	94,330	98,320	101,276
Per Capita (gallons per day finished water)	188	189	189	189
Potable Water Demands (daily average annual)	17.08	18.29	19.05	19.52
Water Source: Volume from Biscayne/Surficial	17.54	22.30 ⁵	22.30	22.30
Volume from Floridan ²	2.72	01.03	2.47	3.80
Volume from Other	0.00	0.00	0.00	0.00
Volume from Reclaimed ³	0.00	0.00	0.00	0.00
Additional Potable Water Needed	0.00	0.00	0.00	0.00

* Total SUA Service Area, including Lake Park.

1. Source: LECWSP, Appendices 2018. Table B-1.

2. Source: SUA, 2019. All potable volumes finished water. All water source volumes raw water.

3. SUA recycles 90% annual wastewater flow as irrigation water sold to customers in Table 7.

4. Higher differential between finished and raw water (compared to 2010) because SUA converted to nanofiltration membrane treatment in May 2014.

5. Maximum daily allocation from Biscayne/Surficial aquifer allowed by SFWMD permit.

SUA continues to work with Lake Park and developers through the development process to ensure proper sizing and delivery of potable water to meet any increased demands necessitated by development approvals prior to the approval of a building permit, or Certificate of occupancy or its equivalent.

4.4 Funding

The costs of operating, maintaining, and improving the System are offset by water sales. The volume of water sold to customers is measured by water meters that are installed at each customer's address. The System is an enterprise fund of the SUA, separate from all other funds of the municipalities.

5.0 INTERGOVERNMENTAL COORDINATION

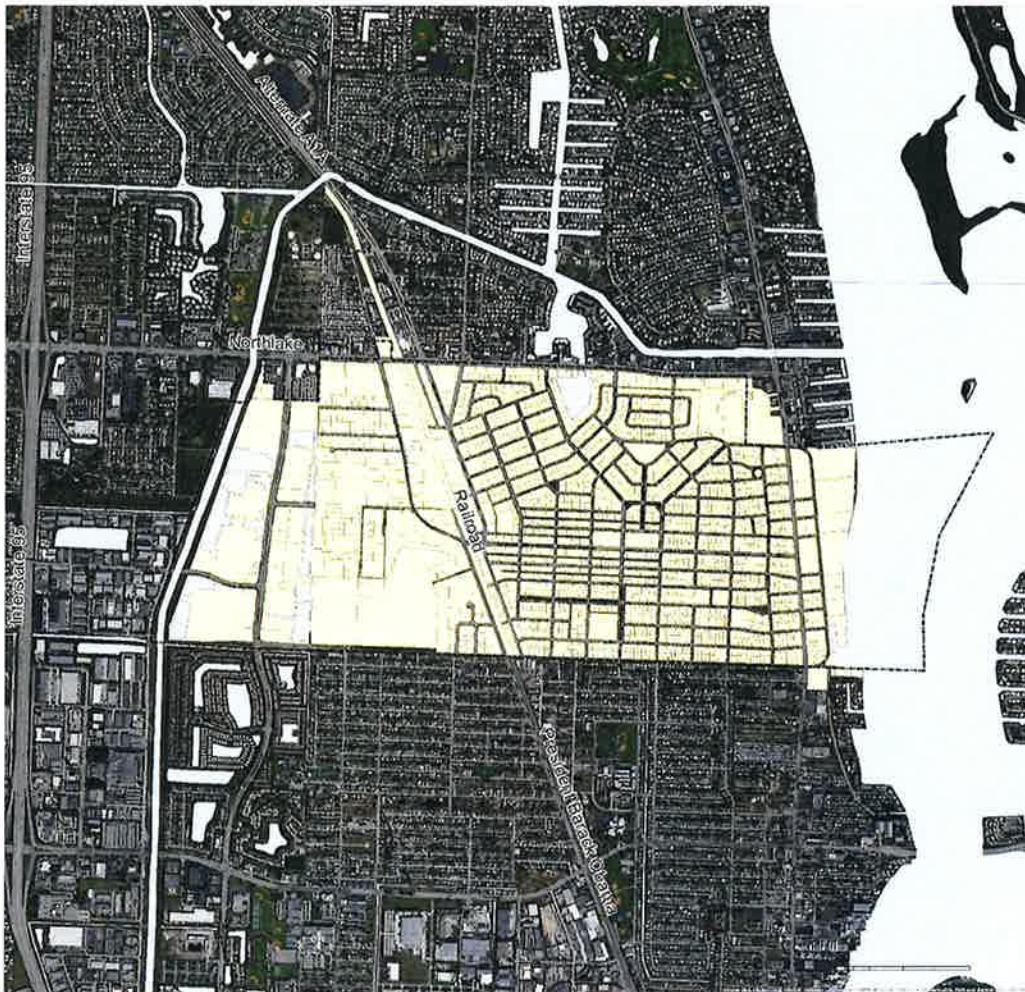
The provision of water supply needs in Town of Lake Park is achieved in coordination with local, county, and regional partners including the SUA, Palm Beach County, and South Florida Water Management District. SUA is Lake Park's primary water partner as they provide the Town its water service utilities. Palm Beach County works in coordination with the Town and SUA to ensure that water supply services are provided to all residents of Palm Beach County in the most efficient and effective manner. SFWMD acts to protect the region's water supply resources and coordinates the implementation of state water regulations and policies through local water planning efforts and water supply services.

The PBCWSWP outlines the interlocal agreements established between the County and SUA regarding the delivery of potable water utility services. The plan explains how Service Area Agreement (R2005-1769), which was executed in September 2005, ensures the sustainable delivery of potable water services for current and future utility customers. R2005-1769 defines the service area boundary between SUA and the County. The boundaries agreed to were intended to eliminate or minimize duplication of facilities; provide for orderly growth, expansion and extension of respective water, wastewater, and reclaimed water utility systems. The plan also describes the benefits of Utility Bulk Service Agreement (R2006-0687) which was executed in June 2006. Through R2006-0687 the County agreed to provide SUA with up to five (5) million gallons per day (mgd) of bulk potable water and bulk wastewater service during an initial term of five (5) years. After the initial agreement period, SUA extended the Bulk Agreement for a long-term period of twenty-five (25) years at the same capacity levels. The plan explains that the agreement benefits both SUA and County water customers as SUA customers benefit from competitively priced bulk water and County customers benefit from the additional revenues.

6.0 GOALS, OBJECTIVES AND POLICIES

Comprehensive Plan Goals, Objectives, and Policies (GOPs) are included in the Infrastructure Element, Sanitary Sewer, Solid Waste, Drainage, Potable Water and Natural Groundwater Aquifer Recharge Element, Capital Improvements Element, and the Conservation Element to ensure implementation and future updates of the 10 Year Water Supply Facilities Work Plan as required by Section 163.3177 (6) (c), F.S. As GOPs are often amended outside of the cycle for Water Supply Plan amendments (i.e. Evaluation and Appraisal Report amendments every seven (7) years), the GOPs are contained in the Comprehensive Plan and are not part of the officially adopted Water Supply Facilities Work Plan. Associated Comprehensive Plan amendments to relevant GOPs will be adopted concurrently with the Work Plan update.

MAP 1 Town of Lake Park Location Map



Generalized Location Map

Town of Lake Park

Map Legend

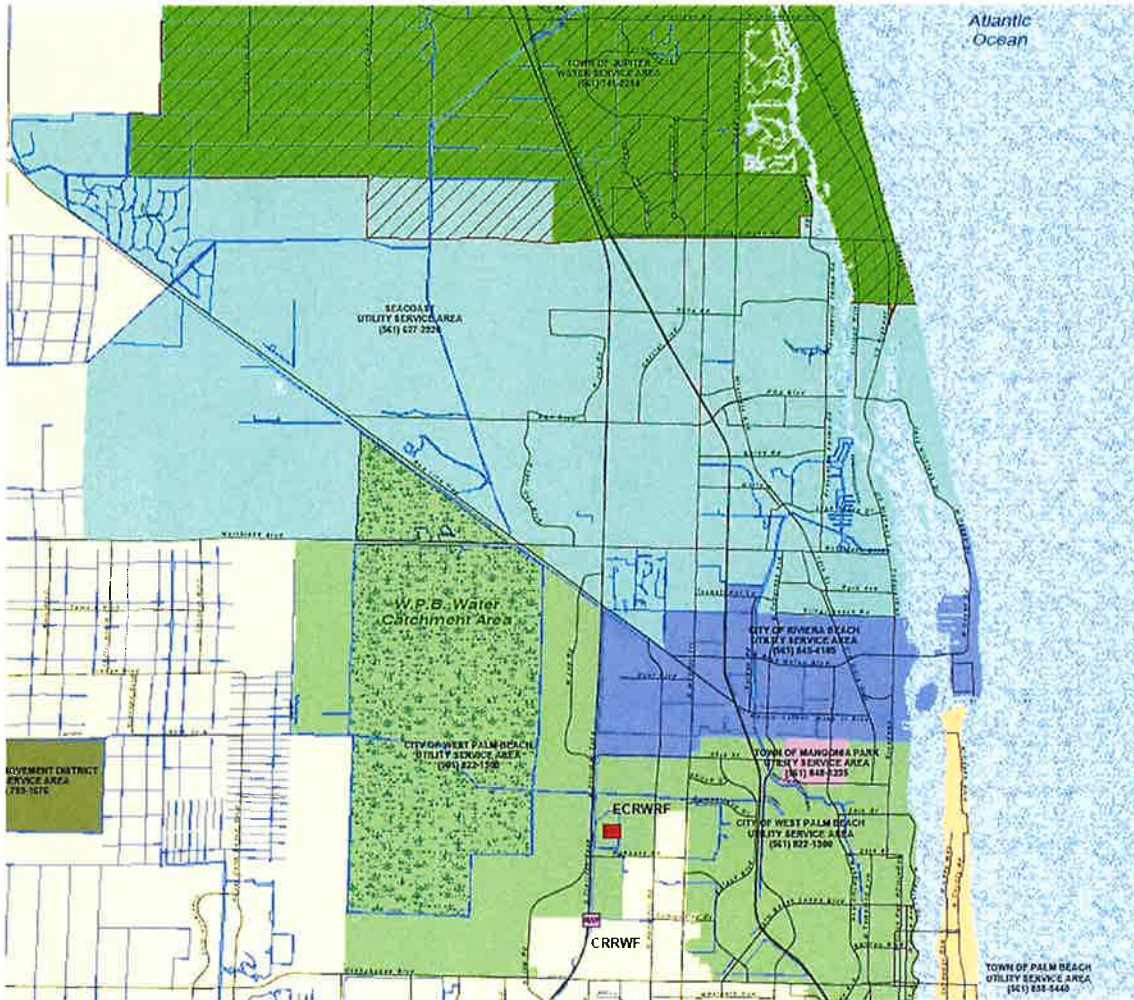
- WATER
- Associated Layers**
- Municipal Boudary
- Parcels

Map Disclaimer:
 The Data is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. The burden for determining accuracy, completeness, timeliness, merchantability and fitness for or the appropriateness for use rests solely on the requester. The Town of Mangonia Park & Palm Beach County make no warranties, express or implied, as to the use of the licensed Data. There are no implied warranties of merchantability or fitness for a particular purpose. The requester acknowledges and accepts the limitations of the Data, including the fact that the Data is dynamic and is in a constant state of maintenance, correction and update.

Document Name: LakeParkGenLocationMap Scale: 1 inch = 300 Feet Last Updated: 2/14/2020
 Source: Palm Beach County Property Appraiser's PUSE Code
 Document Path: S:\NZC\GIS FILES\Lake Park\Maps & PDFS\LakeParkGenLocationMap.mxd



MAP 2
SUA Utilities Service Area
(Including the Entire Municipal Boundary of Lake Park)



PALM BEACH COUNTY
POTABLE WATER & WASTEWATER
UTILITY SERVICE AREAS

Ron DeSantis
GOVERNOR



Ken Lawson
EXECUTIVE DIRECTOR

April 21, 2020

The Honorable Michael O'Rourke
Mayor, Town of Lake Park
535 Park Avenue
Lake Park, Florida 33403

Dear Mayor O'Rourke:

The Department of Economic Opportunity ("Department") has reviewed the proposed comprehensive plan amendment for the Town of Lake Park (Amendment No. 20-01ESR) received on April 3, 2020. The review was completed under the expedited state review process. We have no comment on the proposed amendment.

The Town should act by choosing to adopt, adopt with changes, or not adopt the proposed amendment. For your assistance, we have enclosed the procedures for adoption and transmittal of the comprehensive plan amendment. In addition, the Town is reminded that:

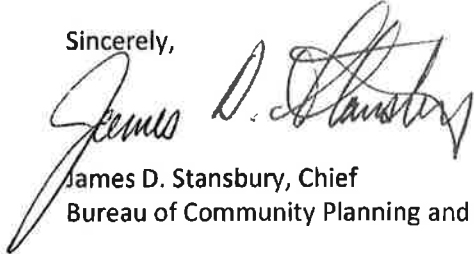
- Section 163.3184(3)(b), F.S., authorizes other reviewing agencies to provide comments directly to the Town. **If the Town receives reviewing agency comments and they are not resolved, these comments could form the basis for a challenge to the amendment after adoption.**
- **The second public hearing**, which shall be a hearing on whether to adopt one or more comprehensive plan amendments, **must be held within 180 days** of your receipt of agency comments or the amendment shall be **deemed withdrawn** unless extended by agreement with notice to the Department and any affected party that provided comment on the amendment pursuant to Section 163.3184(3)(c)1., F.S.
- **The adopted amendment must be rendered to the Department.** Under Section 163.3184(3)(c)2. and 4., F.S., the **amendment effective date** is 31 days after the Department notifies the Town that the amendment package is complete or, if challenged, until it is found to be in compliance by the Department or the Administration Commission.

Florida Department of Economic Opportunity | Caldwell Building | 107 E. Madison Street | Tallahassee, FL 32399
850.245.7105 | www.FloridaJobs.org
www.twitter.com/FLDEO | www.facebook.com/FLDEO

An equal opportunity employer/program. Auxiliary aids and service are available upon request to individuals with disabilities. All voice telephone numbers on this document may be reached by persons using TTY/TTD equipment via the Florida Relay Service at 711.

If you have any questions concerning this review, please contact Matthew Preston, Planning Analyst, by telephone at (850) 717-8490 or by email at matt.preston@deo.myflorida.com.

Sincerely,

A handwritten signature in black ink, appearing to read "James D. Stansbury". The signature is fluid and cursive, with a large initial "J" and "S".

James D. Stansbury, Chief
Bureau of Community Planning and Growth

JDS/mp

Enclosure(s): Procedures for Adoption

cc: Denise Malone, AICP, Planning Manager, NZ Consultants, Inc.
Thomas Lanahan, Executive Director, Treasure Coast Regional Planning Council

**SUBMITTAL OF ADOPTED COMPREHENSIVE PLAN AMENDMENTS
FOR EXPEDITED STATE REVIEW**

Section 163.3184(3), Florida Statutes

NUMBER OF COPIES TO BE SUBMITTED: Please submit three complete copies of all comprehensive plan materials, of which one complete paper copy and two complete electronic copies on CD ROM in Portable Document Format (PDF) to the State Land Planning Agency and one copy to each entity below that provided timely comments to the local government: the appropriate Regional Planning Council; Water Management District; Department of Transportation; Department of Environmental Protection; Department of State; the appropriate county (municipal amendments only); the Florida Fish and Wildlife Conservation Commission and the Department of Agriculture and Consumer Services (county plan amendments only); and the Department of Education (amendments relating to public schools); and for certain local governments, the appropriate military installation and any other local government or governmental agency that has filed a written request.

SUBMITTAL LETTER: Please include the following information in the cover letter transmitting the adopted amendment:

_____ State Land Planning Agency identification number for adopted amendment package;

_____ Summary description of the adoption package, including any amendments proposed but not adopted;

_____ Identify if concurrency has been rescinded and indicate for which public facilities. (Transportation, schools, recreation and open space).

_____ Ordinance number and adoption date;

_____ Certification that the adopted amendment(s) has been submitted to all parties that provided timely comments to the local government;

_____ Name, title, address, telephone, FAX number and e-mail address of local government contact;

_____ Letter signed by the chief elected official or the person designated by the local government.

ADOPTION AMENDMENT PACKAGE: Please include the following information in the amendment package:

_____ In the case of text amendments, changes should be shown in strike-through/underline format.

_____ In the case of future land use map amendments, an adopted future land use map, **in color format**, clearly depicting the parcel, its future land use designation, and its adopted designation.

_____ A copy of any data and analyses the local government deems appropriate.

Note: If the local government is relying on previously submitted data and analysis, no additional data and analysis is required;

_____ Copy of the executed ordinance adopting the comprehensive plan amendment(s);

Suggested effective date language for the adoption ordinance for expedited review:

"The effective date of this plan amendment, if the amendment is not timely challenged, shall be 31 days after the state land planning agency notifies the local government that the plan amendment package is complete. If the amendment is 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."

_____ List of additional changes made in the adopted amendment that the State Land Planning Agency did not previously review;

_____ List of findings of the local governing body, if any, that were not included in the ordinance and which provided the basis of the adoption or determination not to adopt the proposed amendment;

_____ Statement indicating the relationship of the additional changes not previously reviewed by the State Land Planning Agency in response to the comment letter from the State Land Planning Agency.



Denise Malone <denise@nzconsultants.net>

Town of Lake Park, DEO #20-1ESR Comments on Proposed Comprehensive Plan Amendment Package

1 message

Oblaczynski, Deborah <doblaczy@sfwmd.gov>

Thu, Apr 16, 2020 at 1:23 PM

To: "Denise Malone AICP (denise@nzconsultants.net)" <denise@nzconsultants.net>

Cc: "kelly.corvin@deo.myflorida.com" <kelly.corvin@deo.myflorida.com>, "Eubanks, Ray"

<Ray.Eubanks@deo.myflorida.com>, "Stephanie Heidt (sheidt@tcrpc.org)" <sheidt@tcrpc.org>, "lanahan@tcrpc.org"

<lanahan@tcrpc.org>, Ray Eubanks <DCPexternalagencycomments@deo.myflorida.com>

Dear Ms. Malone:

The South Florida Water Management District (District) has completed its review of the proposed amendment package from the Town of Lake Park (Town). The amendment proposes the update of the Water Supply Facilities Work Plan. The proposed changes do not appear to adversely impact the water resources within the District; therefore, the District has no comments on the proposed amendment package.

The District offers its technical assistance to the Town in developing sound, sustainable solutions to meet the Town's future water supply needs and to protect the region's water resources. Please forward a copy of the adopted amendments to the District. Please contact me if you need assistance or additional information.

Sincerely,

Deb Oblaczynski

Policy & Planning Analyst

Water Supply Implementation Unit

South Florida Water Management District

3301 Gun Club Road

West Palm Beach, FL 33406

(561) 682-2544 or email: doblaczy@sfwmd.gov

**LEGAL NOTICE OF PUBLIC HEARINGS
TOWN OF LAKE PARK, FLORIDA
LOCAL PLANNING AGENCY MEETING**

**TOWN COMMISSION
and
TRANSMITTAL HEARING**

Please take notice and be advised that the Local Planning Agency will hold a public hearing on **March 18, 2020** at **6:30 p.m.** or as soon thereafter as can be heard in the Town Chambers at Town Hall, located at 535 Park Avenue, Lake Park, Florida, to consider the following Ordinance:

AN ORDINANCE OF THE TOWN COMMISSION OF THE TOWN OF LAKE PARK, FLORIDA, AMENDING ITS COMPREHENSIVE PLAN, ADOPTING AMENDMENTS TO UPDATE AND IMPLEMENT THE 10-YEAR WATER SUPPLY FACILITIES WORK PLAN AS REQUIRED BY 163.3177, FLORIDA STATUTES; PROVIDING FOR UPDATED OBJECTIVES AND POLICIES WITHIN THE SANITARY SEWER/SOLID WASTE/DRAINAGE/POTABLE WATER/NATURAL GROUNDWATER/AQUIFER RECHARGE, CONSERVATION, AND CAPITAL IMPROVEMENTS ELEMENTS OF THE COMPREHENSIVE PLAN; PROVIDING FOR THE TRANSMITTAL OF THE ORDINANCE TO THE TOWN COMMITTEE OF ECONOMIC OPPORTUNITY; PROVIDING THE REPEAL OF LAWS IN CONFLICT; PROVIDING FOR SEVERABILITY; PROVIDING FOR AN EFFECTIVE DATE.

The Town of Lake Park Commission will then consider the Ordinance on first reading (TRANSMITTAL HEARING) at their **Wednesday, March 18, 2020** meeting at 6:30pm, or as soon thereafter as can be heard, in the Town of Lake Park Commission Chambers at the address listed above.

Records related to this item may be inspected at the Community Development Department located at Town Hall. If a person decides to appeal any decision made by the Local Planning Agency or Town Commission with respect to any hearing, they will need a record of the proceedings and for such purpose may need to ensure that a verbatim record of the proceedings is made, and a record includes the appeal is to be based. For additional information, please contact Vivian Mendez, Town Clerk at 561-881-3311.

Town Clerk: Vivian Mendez
2-21/2020

1000556176-01

Transmittal

LEGAL NOTICE OF
PROPOSED ORDINANCE
TOWN OF LAKE PARK

PURSUANT TO THE AUTHORITY CON-
FERRED UPON BY THE GOVERNOR'S EXECU-
TIVE ORDER NUMBER 20-89, THE
TOWN OF LAKE PARK TOWN COM-
MISSION WILL BE UTILIZING COMMUNICA-
TION MEDIA TECHNOLOGY AS PROVIDED
IN SECTION 120.54(3)(b)(2), FLORIDA
STATUTE.

Please take notice that on Wednesday,
May 20, 2020 at 6:30 a.m. or soon
thereafter the Town Commission of
the Town of Lake Park, Florida in a vir-
tual regular session to be held via
Zoom Meeting.

<https://us02web.zoom.us/j/8544531722?pwd=QzZmUzZUlnVDZkdUxkX1ZlQklnbGZkdz09>
Meeting ID: 854 4531 7222
Zoom Meeting
Dial by your location +1 929 205 6099
US (New York)

will consider the following Ordinances
on second reading and proposed adop-
tion thereof:

ORDINANCE NO. 03-2020

AN ORDINANCE OF THE TOWN COM-
MISSION OF THE TOWN OF LAKE PARK,
FLORIDA, AMENDING ITS COMPREHENSIVE
USE PLAN ADOPTING AMENDMENTS
TO UPDATE AND IMPROVE THE 10
YEAR WASTE WATER FACILITIES WORK
PLAN AS REQUIRED BY 16.117, FLOR-
IDA STATUTE, PROVIDING FOR OPERA-
TION OBJECTIVES AND PHASES WITHIN
THE SANITARY SEWER/SOLID
WASTE/DRAINAGE/POSSIBLE
WATER/NATURAL GROUNDWATER
ACQUIRE RECHARGE CONSERVATION,
AND CAPITAL IMPROVEMENTS, THE
IMPACTS OF THE COMPREHENSIVE PLAN
PROVIDING FOR THE TRANSFER OF
THE AMENDMENTS TO THE DEPART-
MENT OF ECONOMIC OPPORTUNITY,
PROVIDING FOR THE REPEAL OF LAWS IN
CONFLICT, PROVIDING FOR
SEVERABILITY, PROVIDING FOR AN EF-
FECTIVE DATE.

ORDINANCE NO. 05-2020

AN ORDINANCE OF THE TOWN COM-
MISSION OF THE TOWN OF LAKE PARK,
FLORIDA, AMENDING CHAPTER 20 OF
THE CODE OF ORDINANCES TO CREATE
A NEW ARTICLE V ENTITLED "ECON-
OMIC DEVELOPMENT AND VARIATION
TAX EXEMPTIONS", PROVIDING FOR
SECTION 20-251, ENTITLED "TITLE";
PROVIDING FOR SECTION 20-252, EN-
TITLED "INCENTIVE"; PROVIDING FOR SEC-
TION 20-253, ENTITLED "DEFERMENTS";
PROVIDING FOR SECTION 20-254, EN-
TITLED "ECONOMIC DEVELOPMENT AND
VARIATION TAX EXEMPTION ESTABLISH-
MENT"; PROVIDING FOR SECTION 20-255,
ENTITLED "APPLICATION FOR EXEMPTI-
ON"; PROVIDING FOR SECTION 20-256,
ENTITLED "CONSIDERATION OF APPLI-
CATIONS"; PROVIDING FOR SECTION 20-
257, ENTITLED "APPLICATION FEE";
PROVIDING FOR SECTION 20-258, EN-
TITLED "REVOCACTION OF EXEMPTION,
RECOVERY OF FUNDS"; PROVIDING
FOR SECTION 20-259 ENTITLED "AP-
PEALS"; PROVIDING FOR SECTION 20-
260, ENTITLED "SURRENDER"; PROVID-
ING FOR THE REPEAL OF LAWS IN CON-
FLICT, PROVIDING FOR COORDINATION,
AND PROVIDING FOR AN EFFECTIVE
DATE.

If a person desires to appeal any deci-
sion made by the Town Commission
with respect to any hearing, they will
need a record of the proceedings and

for such purpose may need to ensure
that a verbatim record of the proceed-
ings is made, which record includes the
testimony and evidence upon which
the appeal is to be based. For addi-
tional information, please contact Vishal
Mendez, Town Clerk at 561-881-1111.
Vishal Mendez, MMC, Town Clerk
Town of Lake Park, Florida
5/9/2020

000670975-01

adoption

EXECUTIVE SUMMARY FOR COMPREHENSIVE PLAN AMENDMENTS

DATE: 2/4/2020

Reference #: _____

General Information

Initiating Local Government: **Town of Lake Park**

Contact Person: Denise Malone, Planning Manager, NZ Consultants

Address: 1851 W. Indiantown Road, Ste 100, Jupiter Florida 33458

Telephone/Fax: 561-401-9459

Proposed Comprehensive Plan Textual Amendments

General Summary of Amendments:

- amendments relating to traffic circulation or the roadway networks
- amendments relating to affordable housing
- Amendments related to the following elements:
 - land use
 - traffic circulation
 - mass transit
 - ports and aviation
 - housing
 - infrastructure (Utilities) sub-elements
 - coastal management
 - conservation
 - recreation and open space
 - intergovernmental coordination
 - capital improvements
 - other: Water Supply Plan Update

Summary of addition (s) to adopted comprehensive plan: Update of the Water Supply Plan and associated Goals,

Objectives and Policies

Summary of proposed change (s) to adopted comprehensive plan:

Water Supply Plan Update and related amendments to relevant Elements.

Proposed Amendments to the Future Land Use Map

Location of proposed map amendment (include a location map) N/A

Size of Area Proposed for Change (acres): acres

Present Future Land Use Plan Designation (include a density/intensity definition) _____

Proposed Future Land Use Designation (include a density/intensity definition) _____

Present Zoning of Site (include a density/intensity definition) _____

Proposed Zoning of site (include a density/intensity definition) _____

Present Development of Site: _____

Proposed Development of the Site, if known (Number of Dwelling Units; Commercial Square Footage; Industrial Square Footage; Other Proposed usage and intensity): _____

Is proposed change a Development of Regional Impact? _____

Comprehensive Plan Change Processing

Date/Time/Location Scheduled for Local Planning Agency Public Hearing

March 2, 2020 at 6:00 p.m., Lake Park Town Hall, 535 Park Avenue.

Date/Time/Location Scheduled for Governing Body Public Hearing

1st Reading Tentative March 18, 2019 and 2nd Reading Tentative May, 2020, at 6:30 p.m., Lake Park Town Hall, 535 Park Avenue.

Scheduled Date for Transmittal to DEO: Between March 18th and 28th, 2020