

**Please remit payment electronically to:**

Account Name: KIMLEY-HORN AND ASSOCIATES, INC.  
 Bank Name and Address: WELLS FARGO BANK, N.A., SAN FRANCISCO, CA 94163  
 Account Number: 2073089159554  
 ABA#: 121000248

**If paying by check, please remit to:**

KIMLEY-HORN AND ASSOCIATES, INC.  
 P.O. BOX 932520  
 ATLANTA, GA 31193-2520

CITY OF AVON PARK  
 ATTN: MELODY SAUERHAFFER  
 2301 US 27 SOUTH  
 AVON PARK, FL 33825

Federal Tax Id: 56-0885615  
 For Services Rendered through Feb 29, 2024

Invoice No: 046464021-0224  
 Invoice Date: Feb 29, 2024  
 Invoice Amount: \$14,825.00

Project No: 046464021  
 Project Name: AC WATER MAIN REPLACEMENT

Project Manager: TONDREAULT, JAMISON

Client Reference: MSA10142019  
 IPO 16

**LUMP SUM**

KHA Ref # 046464021.1-27521688

Description	Contract Value	% Complete	Amount Earned to Date	Previous Amount Billed	Current Amount Due
TASK 1 - SITE VISIT, DATA COLLECTION, SURVEY, SUE & MEETINGS	40,500.00	100.00%	40,500.00	40,500.00	0.00
TASK 2 - CONTROL PANEL & SCADA MODIFICATIONS - DESIGN PHASE	13,000.00	100.00%	13,000.00	13,000.00	0.00
TASK 3 - CHLORINE SYSTEM IMPROVEMENTS - DESIGN PHASE	23,000.00	100.00%	23,000.00	23,000.00	0.00
TASK 4 - AC WATER MAIN REPLACEMENT - DESIGN PHASE	45,000.00	95.00%	42,750.00	38,250.00	4,500.00
TASK 5 - PERMITTING	9,500.00	75.00%	7,125.00	950.00	6,175.00
TASK 6 - BIDDING AND AWARD	15,000.00	60.00%	9,000.00	7,500.00	1,500.00
<b>Subtotal</b>	<b>146,000.00</b>	<b>92.72%</b>	<b>135,375.00</b>	<b>123,200.00</b>	<b>12,175.00</b>
<b>Total LUMP SUM</b>					<b>12,175.00</b>

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Invoice No: 046464021-0224  
 Invoice Date: Feb 29, 2024  
 Invoice Amount: \$14,825.00  
 Project No: 046464021  
 Project Name: AC WATER MAIN REPLACEMENT  
 Project Manager: TONDREAULT, JAMISON  
 Client Reference: MSA10142019  
 IPO 16

**HOURLY**

KHA Ref # 046464021.2-27532988

Description	Current Amount Due
SERVICES RENDERED	2,650.00
<b>Total HOURLY</b>	<b>2,650.00</b>

**HOURLY**

KHA Ref # 046464021.2-27532988

Task	Description	Hrs/Qty	Rate	Current Amount Due
EXPENSES	PERMITTING FEES			2,650.00
<b>TOTAL EXPENSES</b>				<b>2,650.00</b>
<b>TOTAL LABOR AND EXPENSE DETAIL</b>				<b>2,650.00</b>

**Total Invoice: \$14,825.00**



FLORIDA DEPARTMENT OF  
Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Secretary

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**Payment Receipt**

Remittance ID:	1723062
Remittance Date:	02/20/2024 07:44:00 AM
Name:	KH\ON DEMAND
Address:	421 FAYETTEVILLE STREET, STE 600 RALEIGH, NC 27601
Payment Type:	FDEP Application Fee for 0299315014
Amount:	\$1,000.00

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Please confirm that this is the Application for which you wish to pay:

**Current Payment Status: Available Online for Payment**

Application ID :

0299315014

Project Name :

CITY OF AVON PARK, GLENWOOD

Applicant Name :

JOSEPH SILVA with CITY OF AVON PARK

Permit Type :

Water - Drinking Water Treatment Construction Permit

Outstanding Balance Due :

\$1,000.00

**Facility/Site Details:**

Name :

CITY.OF.AVON.PARK.(PWS.-.6280049)

Address Line 1 :

Address on file

Address Line 2 :

City :



FLORIDA DEPARTMENT OF  
Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor


**Shawn Hamilton**  
Secretary

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**Payment Receipt**

Remittance ID:	1725482
Remittance Date:	02/27/2024 03:03:24 PM
Name:	KH\ON DEMAND
Address:	421 FAYETTEVILLE STREET, STE 600 RALEIGH, NC 27601
Payment Type:	FDEP Application Fee for 0299315015
Amount:	\$1,000.00



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Fees 

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Please confirm that this is the Application for which you wish to pay:

**Current Payment Status: Available Online for Payment**

Application ID :

0299315015

Project Name :

CRYSTAL LAKE

Applicant Name :

JOSEPH SILVA with CITY OF AVON PARK

Permit Type :

Water - Drinking Water Treatment Construction Permit

Outstanding Balance Due :

\$1,000.00

**Facility/Site Details:**

Name :

CITY.OF.AVON.PARK.(PWS.-.6280049)

Address Line 1 :

Address on file

Address Line 2 :

City :



# APPLICATION FOR A SPECIFIC PERMIT TO CONSTRUCT PWS COMPONENTS

See page 4 for instructions.

## I. General Project Information

A. Name of Project: \_\_\_\_\_

B. Description of Project and Its Purpose: \_\_\_\_\_

C. Does project create a "new system" as described under subsection 62-555.525(1), F.A.C.? Yes, and a completed copy of Form 62-555.900(20), New Water System Capacity Development Financial and Managerial Operations Plan, is attached. No.

D. Location of Project

1. County Where Project Located: \_\_\_\_\_

2. Description of Project Location: \_\_\_\_\_

3. Latitude and Longitude of Each New Treatment Plant and Each New Raw Water Source (attach additional sheets if necessary):

Name of New Treatment Plant or Raw Water Source	Latitude	Longitude
	° ' "N	° ' "W
	° ' "N	° ' "W
	° ' "N	° ' "W
	° ' "N	° ' "W
	° ' "N	° ' "W

E. Estimate of Cost to Construct Project: \_\_\_\_\_

F. Estimate of Dates for Starting and Completing Construction of Project: \_\_\_\_\_

G. Applicant

PWS/Company Name:		PWS Identification No.:*	
PWS Type:*	Community	Non-Transient Non-Community	Transient Non-Community
Contact Person:	Contact Person's Title:		
Contact Person's Mailing Address:			
City:	State:	Zip Code:	
Contact Person's Telephone Number:	Contact Person's Fax Number:		
Contact Person's E-Mail Address:			

\* This information is required only if the applicant is a public water system (PWS).

H. Public Water System (PWS) Supplying Water to Project

PWS Name:		PWS Identification No.:	
PWS Type:	Community	Non-Transient Non-Community	Transient Non-Community
PWS Owner:			
Contact Person:	Contact Person's Title:		
Contact Person's Mailing Address:			
City:	State:	Zip Code:	
Contact Person's Telephone Number:	Contact Person's Fax Number:		
Contact Person's E-Mail Address:			

## APPLICATION FOR A SPECIFIC PERMIT TO CONSTRUCT PWS COMPONENTS

Project Name:	Applicant:
---------------	------------

**I. Public Water System (PWS) that Will Own Project after It Is Placed into Permanent Operation**

PWS Name:		PWS Identification No.:*	
PWS Type:*	Community	Non-Transient Non-Community	Transient Non-Community
Consecutive			
PWS Owner:			
Contact Person:		Contact Person's Title:	
Contact Person's Mailing Address:			
City:		State:	Zip Code:
Contact Person's Telephone Number:		Contact Person's Fax Number:	
Contact Person's E-Mail Address:			

\* This information is required only if the owner/operator is an existing PWS.

**J. Professional Engineer(s) or Other Person(s) in Responsible Charge of Designing Project\***

Company Name:		
Designer(s):		Title(s) of Designer(s):
Qualifications of Designer(s):		
Professional Engineer(s) Licensed in Florida – License Number(s): _____		
Public Officer(s) Employed by State, County, Municipal, or Other Governmental Unit of State <sup>†</sup>		
Plumbing Contractor(s) Licensed in Florida – License Number(s): <sup>^</sup> _____		
Mailing Address of Designer(s):		
City:		State:
Zip Code:		
Telephone Number of Designer(s):		Fax Number of Designer(s):
E-Mail Address(es) of Designer(s):		

\* Except as noted in paragraphs 62-555.520(3)(a) and (b), F.A.C., projects shall be designed under the responsible charge of one or more professional engineers licensed in Florida.

<sup>†</sup> Attach a detailed construction cost estimate showing that the cost to construct this project is \$10,000 or less.

<sup>^</sup> Attach documentation showing that this project will be installed by the plumbing contractor(s) designing this project, documentation showing that this project involves a public water system serving a single property and fewer than 250 fixture units, and a detailed construction cost estimate showing that the cost to construct this project is \$50,000 or less.

## II Certifications

**A. Certification by Applicant**

I am duly authorized to sign this application on behalf of the applicant identified in Part I.G of this application. I certify that, to the best of my knowledge and belief, this project complies with Chapter 62-555, F.A.C., and provides assurance of compliance with Chapter 62-550, F.A.C. I also certify that construction of this project has not begun yet.

\_\_\_\_\_  
Signature and Date

\_\_\_\_\_  
Printed or Typed Name

\_\_\_\_\_  
Title

**B. Certification by PWS Supplying Water to Project**

I am duly authorized to sign this application on behalf of the PWS identified in Part I.H of this application. I certify that said PWS will supply the water necessary to meet the design water demands for this project. I certify that, to the best of my knowledge and belief, said PWS's connection to this project will not cause said PWS to be, or contribute to said PWS being, in noncompliance with Chapter 62-550 or 62-555, F.A.C. I also certify that said PWS has reviewed the preliminary design report or drawings, specifications, and design data for this project and that said PWS considers the connection(s) between this project and said PWS acceptable as designed.

• Name(s) of Water Treatment Plant(s) to Which this Project Will Be Connected: \_\_\_\_\_

• Total Permitted Maximum Day Operating Capacity of Plant(s), gpd: \_\_\_\_\_

• Total Maximum Day Flow at Plant(s) as Recorded on Monthly Operating Reports During Past 12 Months, gpd: \_\_\_\_\_

\_\_\_\_\_  
Signature and Date

\_\_\_\_\_  
Printed or Typed Name

\_\_\_\_\_  
Title



## APPLICATION FOR A SPECIFIC PERMIT TO CONSTRUCT PWS COMPONENTS

Project Name:	Applicant:
---------------	------------

### C. Certification by PWS that Will Own Project after It Is Placed into Permanent Operation

I am duly authorized to sign this application on behalf of the PWS identified in Part I.I of this application. I certify that said PWS will own this project after it is placed into permanent operation. I also certify that said PWS has reviewed the preliminary design report or drawings, specifications, and design data for this project and that said PWS considers this project acceptable as designed.

Signature and Date	Printed or Typed Name	Title
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## D. Certification by Professional Engineer(s) in Responsible Charge of Designing Project\*

I, the undersigned professional engineer licensed in Florida, am in responsible charge of preparing the preliminary design report or drawings, specifications, and design data for this project. I certify that, to the best of my knowledge and belief, the design of this project complies with Chapter 62-555, F.A.C., and provides assurance of compliance with Chapter 62-550, F.A.C.

Signature, Seal, and Date:	Signature, Seal, and Date:
Affix Seal	Affix Seal
Printed/Typed Name:	Printed/Typed Name:
License Number:	License Number:
Portion of Engineering Document(s) for Which Responsible:	Portion of Engineering Document(s) for Which Responsible:

Signature, Seal, and Date:	Signature, Seal, and Date:
Affix Seal	Affix Seal
Printed/Typed Name:	Printed/Typed Name:
License Number:	License Number:
Portion of Engineering Document(s) for Which Responsible:	Portion of Engineering Document(s) for Which Responsible:

\* Except as noted in paragraphs 62-555.520(3) (a) and (b), F.A.C., projects shall be designed under the responsible charge of one or more professional engineers (PEs) licensed in Florida. If this project is being designed under the responsible charge of one or more PEs licensed in Florida, Part II.D of this application shall be completed by the PE(s) in responsible charge. If this project is not being designed under the responsible charge of one or more PEs licensed in Florida, Part II.D does not have to be completed.

## APPLICATION FOR A SPECIFIC PERMIT TO CONSTRUCT PWS COMPONENTS

INSTRUCTIONS: This application shall be completed and submitted by persons proposing to construct or alter public water system components unless such proposed construction or alteration is permitted under the Department of Environmental Protection's (DEP's) "General Permit for Construction of Water Main Extensions for Public Water Systems," in which case Form 62-555.900(7) is to be completed and submitted, or under the DEP's "General Permit for Construction of Lead or Copper Corrosion Control, or Iron or Manganese Sequestration, Treatment Facilities for Small or Medium Public Water Systems," in which case Form 62-555.900(18) is to be completed and submitted. Complete and submit one copy of this application to the appropriate DEP District Office or Approved County Health Department (ACHD) along with payment of the proper application processing fee and one copy of the following information:

- either a preliminary design report or drawings, specifications, and design data (the preliminary design report or drawings, specifications, and design data shall contain all pertinent information required under subsection 62-555.520(4), F.A.C.); and
- the Florida Public Service Commission (FPSC) certificate of authorization to provide water service if the project involves construction of a new public water system subject to the jurisdiction of the FPSC.

All information provided on this application shall be typed or printed in ink. Application processing fees are listed in paragraph 62-4.050(4) (n), F.A.C. Checks for application processing fees shall be made payable to the Department of Environmental Protection or to the appropriate ACHD. Preliminary design reports, drawings, specifications, and design data prepared under the responsible charge of one or more professional engineers licensed in Florida shall be signed, sealed, and dated by the professional engineer(s) in responsible charge. NOTE THAT A SEPARATE APPLICATION AND A SEPARATE APPLICATION PROCESSING FEE ARE REQUIRED FOR EACH NON-CONTIGUOUS PROJECT.\*

*\* Non-contiguous projects are projects that are neither interconnected nor located nearby one another (i.e., on the same site, on adjacent streets, or in the same neighborhood).*



FLORIDA DEPARTMENT OF  
Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor





**Shawn Hamilton**  
Secretary

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**Payment Receipt**

Remittance ID:	1727979
Remittance Date:	03/08/2024 07:56:15 AM
Name:	KH\ON DEMAND
Address:	421 FAYETTEVILLE STREET, STE 600 RALEIGH, NC 27601
Payment Type:	FDEP Application Fee for 0299315016
Amount:	\$650.00



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Please confirm that this is the Application for which you wish to pay:

**Current Payment Status: Available Online for Payment**

Application ID :

0299315016

Project Name :

AC WATER MAIN REPLACEMENT

Applicant Name :

JOSEPH SLIVA

Permit Type :

Water - Drinking Water Distribution System General Permit

Outstanding Balance Due :

\$650.00

**Facility/Site Details:**

Name :

CITY.OF.AVON.PARK.(PWS.-.6280049)

Address Line 1 :

Address on file

Address Line 2 :



## NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PWSs

**INSTRUCTIONS:** This notice shall be completed and submitted by persons proposing to construct projects permitted under the "General Permit for Construction of Water Main Extensions for Public Water Systems" in Rule 62-555.405, F.A.C. AT LEAST 30 DAYS BEFORE BEGINNING CONSTRUCTION OF A WATER MAIN EXTENSION PROJECT, complete and submit one copy of this notice to the appropriate Department of Environmental Protection (DEP) District Office or Approved County Health Department (ACHD) along with payment of the proper permit processing fee. (When completed, Part II of this notice serves as the preliminary design report for a water main extension project, and thus, it is unnecessary to submit a separate preliminary design report or drawings, specifications, and design data with this notice.) All information provided in this notice shall be typed or printed in ink. The DEP permit processing fee for projects requiring the services of a professional engineer during design is \$650, and the DEP permit processing fee for projects not requiring the services of a professional engineer during design is \$500.\* Some ACHDs charge a county permit processing fee in addition to the DEP permit processing fee. Checks for permit processing fees shall be made payable to the Department of Environmental Protection or the appropriate ACHD. NOTE THAT A SEPARATE NOTIFICATION AND A SEPARATE PERMIT PROCESSING FEE ARE REQUIRED FOR EACH NON-CONTIGUOUS PROJECT.†

\* Except as noted in paragraphs 62-555.520(3)(a) and (b), F.A.C., projects shall be designed under the responsible charge of one or more professional engineers licensed in Florida.

† Non-contiguous projects are projects that are neither interconnected nor located nearby one another (i.e., on the same site, on adjacent streets, or in the same neighborhood).

### I. General Project Information

A. Name of Project: **AC Water Main Replacement**

B. Description of Project and Its Purpose:

Replacement of existing water mains with approximately 4,416 Linear Feet of 6" PVC and HDPE Water Main. See plans for location.

(5) Fire hydrant assemblies

C. Location of Project

1. County Where Project Located: Highlands County

2. Description of Project Location:

N. Mulberry Rd., N. Avocado Rd., N. Pomelo Ave., and along W. Allamanda Blvd. from N. Mulberry Rd. to N. Pomelo Ave.

D. Estimate of Cost to Construct Project: \$946,000.00

E. Estimate of Dates for Starting and Completing Construction of Project:

March 2024-March 2025

F. Permittee

PWS/Company Name: <u>City of Avon Park</u>		PWS Identification No.: <u>* 6820049</u>	
PWS Type: *	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive
Contact Person: <u>Joseph G. Sliva</u>		Contact Person's Title: <u>Utilities Manager</u>	
Contact Person's Mailing Address: <u>2301 US 27 S</u>			
City: <u>Avon Park</u>		State: <u>Florida</u>	Zip Code: <u>33825</u>
Contact Person's Telephone Number: <u>863-784-8740</u>		Contact Person's Fax Number:	
Contact Person's E-Mail Address: <u>JSilva@AvonPark.City</u>			

\* This information is required only if the permittee is a public water system (PWS).

G. Public Water System (PWS) Supplying Water to Project

PWS Name: <u>City of Avon Park</u>		PWS Identification No.: <u>6820049</u>	
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive
PWS Owner: <u>City of Avon Park</u>			
Contact Person: <u>Joseph G. Sliva</u>		Contact Person's Title: <u>Utilities Manager</u>	
Contact Person's Mailing Address: <u>2301 US 27 S</u>			
City: <u>Avon Park</u>		State: <u>Florida</u>	Zip Code: <u>33825</u>
Contact Person's Telephone Number: <u>863-784-8740</u>		Contact Person's Fax Number:	
Contact Person's E-Mail Address: <u>JSilva@Avon Park City</u>			

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PWSs

Project Name: AC Water Main Replacement	Permittee: City of Avon Park
---	------------------------------

## H. Public Water System (PWS) that Will Own Project After It Is Placed into Permanent Operation

PWS Name: City of Avon Park		PWS Identification No.: * 6820049	
PWS Type: * <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
PWS Owner: City of Avon Park			
Contact Person: Joseph G. Silva		Contact Person's Title: Utilities Manager	
Contact Person's Mailing Address: 2301 US 27 S			
City: Avon Park		State: Florida	Zip Code: 33825
Contact Person's Telephone Number: 863-764-8740		Contact Person's Fax Number:	
Contact Person's E-Mail Address: JSilva@AvonPark.City			

\* This information is required only if the owner/operator is an existing PWS.

## I. Professional Engineer(s) or Other Person(s) in Responsible Charge of Designing Project\*

Company Name: Kimley-Horn		
Designer(s): Jamison Tondreault		Title(s) of Designer(s): Project Manager
Qualifications of Designer(s):		
<input checked="" type="checkbox"/> Professional Engineer(s) Licensed in Florida – License Number(s): 84396		
<input type="checkbox"/> Public Officer(s) Employed by State, County, Municipal, or Other Governmental Unit of State†		
<input type="checkbox"/> Plumbing Contractor(s) Licensed in Florida – License Number(s): ^		
Mailing Address of Designer(s): 109 S. Kentucky Avenue		
City: Lakeland	State: Florida	Zip Code: 33801
Telephone Number of Designer(s): 863-226-6877	Fax Number of Designer(s):	
E-Mail Address(es) of Designer(s): jamison.tondreault@kimley-horn.com		

\* Except as noted in paragraphs 62-555.520(3)(a) and (b), F.A.C., projects shall be designed under the responsible charge of one or more professional engineers licensed in Florida.

† Attach a detailed construction cost estimate showing that the cost to construct this project is \$10,000 or less.

^ Attach documentation showing that this project will be installed by the plumbing contractor(s) designing this project, documentation showing that this project involves a public water system serving a single property and fewer than 250 fixture units, and a detailed construction cost estimate showing that the cost to construct this project is \$50,000 or less.

## II. Preliminary Design Report for Project\*

### A. Service Area, Water Use, and Service Pressure Information

#### 1. Design Type and Number of Service Connections, and Average Daily Water Demands and Maximum-Day Water Demands, in the Entire Area to Be Served by the Water Mains Being Constructed Under this Project:

A = Type of Service Connection	B = Number of Service Connections	C = Average Daily Water Demand Per Service Connection, gpd	D = Total Average Daily Water Demand <sup>a</sup> , gpd (Columns BxC for Residential Service Connections)	E = Total Maximum-Day Water Demand <sup>b</sup> , gpd
Single-Family Home	45	250	11250	22500
Mobile Home			0	
Apartment			0	
Commercial, Institutional, or Industrial Facility <sup>a</sup>				
<b>Total</b>	<b>45</b>		<b>11250</b>	<b>22500</b>

a. Description of Commercial, Institutional, or Industrial Facilities and Explanation of Method(s) Used to Estimate Average Daily Water Demand for These Facilities:

The line is sized for current connections.

(45 Existing connections)x(assumed 250 gpd) = 11,250 gpd.

b. Explanation of Peaking Factor(s) or Method(s) Used to Estimate Maximum-Day Water Demand:

assuming 2 peak factor for Maximum-Day Water Demand.

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PWSs

Project Name: AC Water Main Replacement

Permittee: City of Avon Park

2. Explanation of Peaking Factor(s) or Method(s) Used to Estimate Design Peak-Hour Water Demand and, for Small Water Systems that Use Hydropneumatic Tanks or that Are Not Designed to Provide Fire Protection, Peak Instantaneous Water Demand:

Assuming 4 peak factor for peak flows.

3. Design Fire-Flow Rate and Duration:

Greater Than 600 GPM @ 20 PSI

4. Design Service Pressure Range:

> 20 psi

## B. Project Site Information

1. ATTACH A SITE PLAN OR SKETCH SHOWING THE SIZE AND APPROXIMATE LOCATION OF NEW OR ALTERED WATER MAINS, SHOWING THE APPROXIMATE LOCATION OF HYDRANTS, VALVES, METERS, AND BLOW-OFFS IN SAID MAINS, AND SHOWING HOW SAID MAINS CONNECT TO THE PUBLIC WATER SYSTEM SUPPLYING WATER FOR THE PROJECT.
2. Description of Any Areas Where New or Altered Water Mains Will Cross Above or Under Surface Water or Be Located in Soil that Is Known to Be Aggressive:

NA

## C. Information About Compliance with Design and Construction Requirements

1. If this project is being designed to comply with the following requirements, initial in ink before the requirements. If any of the following requirements do not apply to this project or if this project includes exceptions to any of the following requirements as allowed by rule, mark "X" before the requirements and complete Part II.C.2 below. *RSWW = Recommended Standards for Water Works* as incorporated into Rule 62-555.330, F.A.C.

- |    |   |
|----|---|
| JT | a. This project is being designed to keep existing water mains and service lines in operation during construction or to minimize interruption of water service during construction. [RSWW 1.3.a; exceptions allowed under FAC 62-555.330]   |
| JT | b. All pipe, pipe fittings, pipe joint packing and jointing materials, valves, fire hydrants, and meters installed under this project will conform to applicable American Water Works Association (AWWA) standards. [FAC 62-555.320(21)(b), RSWW 8.0, and AWWA standards as incorporated into FAC 62-555.330; exceptions allowed under FAC 62-555.320(21)(c)]   |
| JT | c. All public water system components, excluding fire hydrants, that will be installed under this project and that will come into contact with drinking water will conform to NSF International Standard 61 as adopted in Rule 62-555.335, F.A.C., or other applicable standards, regulations, or requirements referenced in paragraph 62-555.320(3)(b), F.A.C. [FAC 62-555.320(3)(b); exceptions allowed under FAC 62-555.320(3)(d)]   |
| JT | d. All pipe and pipe fittings installed under this project will contain no more than 8.0% lead, and any solder or flux used in this project will contain no more than 0.2% lead. [FAC 62-555.322]   |
| JT | e. All pipe and pipe fittings installed under this project will be color coded or marked in accordance with subparagraph 62-555.320(21)(b)3, F.A.C., using blue as a predominant color. (Underground plastic pipe will be solid-wall blue pipe, will have a co-extruded blue external skin, or will be white or black pipe with blue stripes incorporated into, or applied to, the pipe wall; and underground metal or concrete pipe will have blue stripes applied to the pipe wall. Pipe striped during manufacturing of the pipe will have continuous stripes that run parallel to the axis of the pipe, that are located at no greater than 90-degree intervals around the pipe, and that will remain intact during and after installation of the pipe. If tape or paint is used to stripe pipe during installation of the pipe, the tape or paint will be applied in a continuous line that runs parallel to the axis of the pipe and that is located along the top of the pipe; for pipe with an internal diameter of 24 inches or greater, tape or paint will be applied in continuous lines along each side of the pipe as well as along the top of the pipe. Aboveground pipe will be painted blue or will be color coded or marked like underground pipe.) [FAC 62-555.320(21)(b)3] |
| JT | f. All new or altered water mains included in this project are sized after a hydraulic analysis based on flow demands and pressure requirements. ATTACH A HYDRAULIC ANALYSIS JUSTIFYING THE SIZE OF ANY NEW OR ALTERED WATER MAINS WITH AN INSIDE DIAMETER OF LESS THAN THREE INCHES. [FAC 62-555.320(21)(b) and RSWW 8.1]  |

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PWSs

Project Name: AC Water Main Replacement	Permittee: City of Avon Park
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- |    |  |
|----|--|
| JT | g. The inside diameter of new or altered water mains that are included in this project and that are being designed to provide fire protection and serve fire hydrants will be at least six inches. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.1.2]   |
| JT | h. New or altered water mains that are included in this project and that are <u>not</u> being designed to carry fire flows do <u>not</u> have fire hydrants connected to them. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.1.5]   |
| JT | i. This project is being designed to minimize dead-end water mains by making appropriate tie-ins where practical. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.1.6.a]  |
| JT | j. New or altered dead-end water mains included in this project will be provided with a fire or flushing hydrant or blow-off for flushing purposes. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.1.6.b]  |
| JT | k. Sufficient valves will be provided on new or altered water mains included in this project so that inconvenience and sanitary hazards will be minimized during repairs. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.2]  |
| JT | l. New or altered fire hydrant leads included in this project will have an inside diameter of at least six inches and will include an auxiliary valve. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.3.3]   |
| JT | m. All fire hydrants that will be installed under this project and that will have unplugged, underground drains will be located at least three feet from any existing or proposed storm sewer, stormwater force main, pipeline conveying reclaimed water regulated under Part III of Chapter 62-610, F.A.C., or vacuum-type sanitary sewer; at least six feet from any existing or proposed gravity- or pressure-type sanitary sewer, wastewater force main, or pipeline conveying reclaimed water <u>not</u> regulated under Part III of Chapter 62-10, F.A.C.; and at least ten feet from any existing or proposed "on-site sewage treatment and disposal system." [FAC 62-555.314(4)] |
| X  | n. At high points where air can accumulate in new or altered water mains included in this project, provisions will be made to remove the air by means of air relief valves, and automatic air relief valves will <u>not</u> be used in situations where flooding of the valve manhole or chamber may occur. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.4.1]  |
| X  | o. The open end of the air relief pipe from all automatic air relief valves installed under this project will be extended to at least one foot above grade and will be provided with a screened, downward-facing elbow. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.4.2]  |
| JT | p. New or altered chambers, pits, or manholes that contain valves, blow-offs, meters, or other such water distribution system appurtenances and that are included in this project will <u>not</u> be connected directly to any sanitary or storm sewer, and blow-offs or air relief valves installed under this project will <u>not</u> be connected directly to any sanitary or storm sewer. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.4.3]  |
| JT | q. New or altered water mains included in this project will be installed in accordance with applicable AWWA standards or in accordance with manufacturers' recommended procedures. [FAC 62-555.320(21)(b), <i>RSWW</i> 8.5.1, and AWWA standards as incorporated into FAC 62-555.330]  |
| JT | r. A continuous and uniform bedding will be provided in trenches for underground pipe installed under this project; backfill material will be tamped in layers around underground pipe installed under this project and to a sufficient height above the pipe to adequately support and protect the pipe; and unsuitably sized stones (as described in applicable AWWA standards or manufacturers' recommended installation procedures) found in trenches will be removed for a depth of at least six inches below the bottom of underground pipe installed under this project. [FAC 62-555.320(21)(b), <i>RSWW</i> 8.5.2]   |
| JT | s. All water main tees, bends, plugs, and hydrants installed under this project will be provided with thrust blocks or restrained joints to prevent movement. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.5.4]  |
| JT | t. New or altered water mains that are included in this project and that will be constructed of asbestos-cement or polyvinyl chloride pipe will be pressure and leakage tested in accordance with AWWA Standard C603 or C605, respectively, as incorporated into Rule 62-555.330, F.A.C., and all other new or altered water mains included in this project will be pressure and leakage tested in accordance with AWWA Standard C600 as incorporated into Rule 62-555.330. [FAC 62-555.320(21)(b) and AWWA standards as incorporated into FAC 62-555.330]   |
| JT | u. New or altered water mains, including fire hydrant leads and including service lines that will be under the control of a public water system and that have an inside diameter of three inches or greater, will be disinfected and bacteriologically evaluated in accordance with Rule 62-555.340, F.A.C. [FAC 62-555.320(21)(b)2 and FAC 62-555.340]  |
| X  | v. New or altered water mains that are included in this project and that will be installed in areas where there are known aggressive soil conditions will be protected through use of corrosion-resistant water main materials, through encasement of the water mains in polyethylene, or through provision of cathodic protection. [FAC 62-555.320(21)(b) and <i>RSWW</i> 8.5.7.d]  |



# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PWSs

Project Name: AC Water Main Replacement

Permittee: City of Avon Park

- JT w. New or relocated, underground water mains included in this project will be laid to provide a horizontal distance of at least three feet between the outside of the water main and the outside of any existing or proposed vacuum-type sanitary sewer, storm sewer, stormwater force main, or pipeline conveying reclaimed water regulated under Part III of Chapter 62-610, F.A.C.; a horizontal distance of at least six feet between the outside of the water main and the outside of any existing or proposed gravity-type sanitary sewer (or a horizontal distance of at least three feet between the outside of the water main and the outside of any existing or proposed gravity-type sanitary sewer if the bottom of the water main will be laid at least six inches above the top of the sewer); a horizontal distance of at least six feet between the outside of the water main and the outside of any existing or proposed pressure-type sanitary sewer, wastewater force main, or pipeline conveying reclaimed water not regulated under Part III of Chapter 62-610, F.A.C.; and a horizontal distance of at least ten feet between the outside of the water main and all parts of any existing or proposed "on-site sewage treatment and disposal system." [FAC 62-555.314(1); exceptions allowed under FAC 62-555.314(5)]
- JT x. New or relocated, underground water mains that are included in this project and that will cross any existing or proposed gravity- or vacuum-type sanitary sewer or storm sewer will be laid so the outside of the water main is at least six inches above the other pipeline or at least 12 inches below the other pipeline; and new or relocated, underground water mains that are included in this project and that will cross any existing or proposed pressure-type sanitary sewer, wastewater or stormwater force main, or pipeline conveying reclaimed water will be laid so the outside of the water main is at least 12 inches above or below the other pipeline. [FAC 62-555.314(2); exceptions allowed under FAC 62-555.314(5)]
- JT y. At the utility crossings described in Part II.C.1.w above, one full length of water main pipe will be centered above or below the other pipeline so the water main joints will be as far as possible from the other pipeline or the pipes will be arranged so that all water main joints are at least three feet from all joints in vacuum-type sanitary sewers, storm sewers, stormwater force mains, or pipelines conveying reclaimed water regulated under Part III of Chapter 62-610, F.A.C., and at least six feet from all joints in gravity- or pressure-type sanitary sewers, wastewater force mains, or pipelines conveying reclaimed water not regulated under Part III of Chapter 62-610, F.A.C. [FAC 62-555.314(2); exceptions allowed under FAC 62-555.314(5)]
- x z. New or altered water mains that are included in this project and that will cross above surface water will be adequately supported and anchored, protected from damage and freezing, and accessible for repair or replacement. [FAC 62-555.320(21)(b) and RSWW 8.7.1]
- x aa. New or altered water mains that are included in this project and that will cross under surface water will have a minimum cover of two feet. [FAC 62-555.320(21)(b) and RSWW 8.7.2]
- x bb. New or altered water mains that are included in this project and that will cross under surface water courses greater than 15 feet in width will have flexible or restrained, watertight pipe joints and will include valves at both ends of the water crossing so the underwater main can be isolated for testing and repair; the aforementioned isolation valves will be easily accessible and will not be subject to flooding; the isolation valve closest to the water supply source will be in a manhole; and permanent taps will be provided on each side of the isolation valve within the manhole to allow for insertion of a small meter to determine leakage from the underwater main and to allow for sampling of water from the underwater main. [FAC 62-555.320(21)(b) and RSWW 8.7.2]
- JT cc. This project is being designed to include proper backflow protection at those new or altered service connections where backflow protection is required or recommended under Rule 62-555.360, F.A.C., or in *Recommended Practice for Backflow Prevention and Cross-Connection Control*, AWWA Manual M14, as incorporated into Rule 62-555.330, F.A.C.; or the public water system that will own this project after it is placed into operation has a cross-connection control program requiring water customers to install proper backflow protection at those service connections where backflow protection is required or recommended under Rule 62-555.360, F.A.C., or in AWWA Manual M14. [FAC 62-555.360 and AWWA Manual M14 as incorporated into FAC 62-555.330]
- x dd. Neither steam condensate, cooling water from engine jackets, nor water used in conjunction with heat exchangers will be returned to the new or altered water mains included in this project. [FAC 62-555.320(21)(b) and RSWW 8.8.2]

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PWSs

Project Name: AC Water Main Replacement	Permittee: City of Avon Park
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2. Explanation for Requirements Marked "X" in Part II.C.1 Above, Including Justification, Documentation, Assurances, and/or Alternatives as Required by Rule for Exceptions to Requirements in Part II.C.1:

n,o. - No high points expected to require ARV.

v - No known aggressive soil conditions

z,aa, bb. - Crossings going above surface water are not proposed.

dd. - such work is not proposed in this project.

I completed Part II of this notice, and the information provided in Part II and on the attachment(s) to Part II is true and accurate to the best of my knowledge and belief.

Signature, Seal, and Date of Professional Engineer (PE) <u>or</u> Signature and Date of Other Person in Responsible Charge of Designing Project:*	Signature, Seal, and Date of Professional Engineer (PE) <u>or</u> Signature and Date of Other Person in Responsible Charge of Designing Project:*
Printed/Typed Name: Jamison Tondresault	Printed/Typed Name:
License Number of PE <u>or</u> License Number or Title of Other Person in Responsible Charge of Designing Project:* 84396	License Number of PE <u>or</u> License Number or Title of Other Person in Responsible Charge of Designing Project:*
Portion of Preliminary Design Report for Which Responsible: 100%	Portion of Preliminary Design Report for Which Responsible:

*\* Except as noted in paragraphs 62-555.520(3)(a) and (b), F.A.C., projects shall be designed under the responsible charge of one or more PEs licensed in Florida. If this project is being designed under the responsible charge of one or more PEs licensed in Florida, Part II of this notice shall be completed, signed, sealed, and dated by the PE(s) in responsible charge. If this project is not being designed under the responsible charge of one or more PEs licensed in Florida, Part II shall be completed, signed, and dated by the person(s) in responsible charge of designing this project.*

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PWSs

Project Name: AC Water Main Replacement

Permittee: City of Avon Park

## III. Certifications

### A. Certification by Permittee

I am duly authorized to sign this notice on behalf of the permittee identified in Part I.F of this notice. I certify that, to the best of my knowledge and belief, this project complies with Chapter 62-555, F.A.C. I also certify that construction of this project has not begun yet and that, to the best of my knowledge and belief, this project does not include any of the following construction work:

- construction of water mains conveying raw or partially treated drinking water;
- construction of drinking water treatment, pumping, or storage facilities or conflict manholes;
- construction of water mains in areas contaminated by low-molecular-weight petroleum products or organic solvents;
- construction of an interconnection between previously separate public water systems or construction of water mains that create a "new system" as described under subsection 62-555.525(1), F.A.C.; or
- construction of water mains that will remain dry following completion of construction.

(A specific construction permit is required for each project involving any of the above listed construction work.)

I understand that, if this project is designed under the responsible charge of one or more professional engineers (PEs) licensed in Florida, the permittee must retain a Florida-licensed PE to take responsible charge of inspecting construction of this project for the purpose of determining in general if the construction proceeds in compliance with the Department of Environmental Protection construction permit, including the approved preliminary design report, for this project. I understand that the permittee must have complete record drawings prepared for this project. I also understand that the permittee must submit a certification of construction completion to the Department and obtain written approval, or clearance, from the Department before the permittee places this project into operation for any purpose other than disinfection or testing for leaks.

  
Signature and Date

2/20/2024

Joseph G. Sliva

Printed or Typed Name

Utilities Manager

Title

### B. Certification by PWS Supplying Water to Project

I am duly authorized to sign this notice on behalf of the PWS identified in Part I.G of this notice. I certify that said PWS will supply the water necessary to meet the design water demands for this project. As indicated below, the water treatment plant(s) to which this project will be connected has(have) the capacity necessary to meet the design water demands for this project, and I certify that all other PWS components affected by this project also have the capacity necessary to meet the design water demands for this project. I certify that said PWS is in compliance with applicable planning requirements in Rule 62-555.348, F.A.C.; applicable cross-connection control requirements in Rule 62-555.360, F.A.C.; and to the best of my knowledge and belief, all other applicable rules in Chapters 62-550, 62-555, and 62-699, F.A.C.; furthermore, I certify that, to the best of my knowledge and belief, said PWS's connection to this project will not cause said PWS to be in noncompliance with Chapter 62-550 or 62-555, F.A.C. I also certify that said PWS has reviewed the preliminary design report for this project and that said PWS considers the connection(s) between this project and said PWS acceptable as designed.

- Name(s) of Water Treatment Plant(s) to Which this Project Will Be Connected:

Bell Street Water Treatment Plant

- Total Permitted Maximum Day Operating Capacity of Plant(s), gpd: 5,300,000
- Total Maximum Day Flow at Plant(s) as Recorded on Monthly Operating Reports During Past 12 Months, gpd: 4,326,000

  
Signature and Date

2/20/2024

Joseph G. Sliva

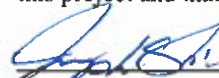
Printed or Typed Name

Utilities Manager

Title

### C. Certification by PWS that Will Own Project After It Is Placed into Permanent Operation

I am duly authorized to sign this notice on behalf of the PWS identified in Part I.H of this notice. I certify that said PWS will own this project after it is placed into permanent operation. I also certify that said PWS has reviewed the preliminary design report for this project and that said PWS considers this project acceptable as designed.

  
Signature and Date

2/20/2024

Joseph G. Sliva

Printed or Typed Name

Utilities Manager

Title

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PWSSs

Project Name: AC Water Main Replacement

Permittee: City of Avon Park

## D. Certification by Professional Engineer(s) in Responsible Charge of Designing Project\*

I, the undersigned professional engineer licensed in Florida, am in responsible charge of designing this project. I certify that, to the best of my knowledge and belief, the design of this project complies with Chapter 62-555, F.A.C. I also certify that, to the best of my knowledge and belief, this project is not being designed to include any of the following construction work:

- construction of water mains conveying raw or partially treated drinking water;
- construction of drinking water treatment, pumping, or storage facilities or conflict manholes;
- construction of water mains in areas contaminated by low-molecular-weight petroleum products or organic solvents;
- construction of an interconnection between previously separate public water systems or construction of water mains that create a "new system" as described under subsection 62-555.525(1), F.A.C.; or
- construction of water mains that will remain dry following completion of construction.

(A specific construction permit is required for each project involving any of the above listed construction work.)

Signature, Seal, and Date:

Signature, Seal, and Date:

Printed/Typed Name: Jamison Tondreault

License Number: 84396

Portion of Preliminary Design Report for Which Responsible:  
100%

Printed/Typed Name:

License Number:

Portion of Preliminary Design Report for Which Responsible:

\* Except as noted in paragraphs 62-555.520(3)(a) and (b), F.A.C., projects shall be designed under the responsible charge of one or more professional engineers (PEs) licensed in Florida. If this project is being designed under the responsible charge of one or more PEs licensed in Florida, Part III.D of this notice shall be completed by the PE(s) in responsible charge. If this project is not being designed under the responsible charge of one or more PEs licensed in Florida, Part III.D does not have to be completed.