

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 more professional engineers licensed in Florida.	shall be designed under the	e responsible charge of one or	
t	Non-contiguous projects are projects that are neither interconnected nor ladjacent streets, or in the same neighborhood).	ocated nearby one another	r (i.e., on the same site, on	
Π	General Project Information			ı
A.	Name of Project:			
В.	Description of Project and Its Purpose:			
C.	Location of Project			
	<ol> <li>County Where Project Located:</li> <li>Description of Project Location:</li> </ol>			_
	2. Description of Froject Location.			
_				
	Estimate of Cost to Construct Project:  Estimate of Dates for Starting and Completing Construction of Project:			_
С.	Estimate of Dates for Starting and Completing Construction of Project.			
F.	Permittee			
	PWS/Company Name:	PWS Identif	fication No.:*	
	PWS Type:* Community Non-Transient Non-Community	Transient Non-Com	munity Consecutive	
	Contact Person:	Contact Person's Title:		
	Contact Person's Mailing Address:			
	City:	State:	Zip Code:	
		~ ~ . ~		

PWS/Company Name:				PWS Identific	cation No.:*	
PWS Type:*	Community	Non-Transient Non-Community	Transie	ent Non-Comm	nunity	Consecutive
Contact Person:			Contact Pers	son's Title:		
Contact Person's	Contact Person's Mailing Address:					
City:			State:		Zip Code:	
Contact Person's Telephone Number:			Contact Pers	son's Fax Num	nber:	
Contact Person's	E-Mail Address:					

<sup>\*</sup> 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:				PWS Identific	cation No.:	
PWS Type:	Community	Non-Transient Non-Community	Transi	ent Non-Comn	nunity	Consecutive
PWS Owner:						
Contact Person:			Contact Per	son's Title:		
Contact Person's	Mailing Address:					
City:			State:		Zip Code:	
Contact Person's Telephone Number:			Contact Per	son's Fax Nun	nber:	
Contact Person's	E-Mail Address:					

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

			EXTENSIONS FOR F	PWSs		
Pı	roject Name:		Permitte	e:		
Н.	Public Water Syst	em (PWS) that W	ill Own Project After It Is Placed into I	Permanent Operati	on	
	PWS Name:		J		Identification No.	·*
	PWS Type:*	Community	Non-Transient Non-Community	Transient No	on-Community	Consecutive
	PWS Owner:					
	Contact Person:			Contact Person	's Title:	
	Contact Person's	Mailing Address:				
	City:			State:	Zip Coo	de:
	Contact Person's	Telephone Number	er:	Contact Person	's Fax Number:	
	Contact Person's	E-Mail Address:				
	* This information	n is required only	if the owner/operator is an existing PV	VS.		
[.	Professional Engi	neer(s) or Other Po	erson(s) in Responsible Charge of Desi	gning Project*		
	Company Name:					
	Designer(s):			Title(s) of Desi	gner(s):	
	Qualifications of	Designer(s):				

State:

Fax Number of Designer(s):

Zip Code:

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

Public Officer(s) Employed by State, County, Municipal, or Other Governmental Unit of State<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. Preliminary Design Report for Project\*

Mailing Address of Designer(s):

Telephone Number of Designer(s):

E-Mail Address(es) of Designer(s):

City:

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

Professional Engineer(s) Licensed in Florida – License Number(s):

Plumbing Contractor(s) Licensed in Florida – License Number(s):^

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:

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

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

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

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.

	EXTENSIONS FOR PWSs					
Pro	ject Name:	Permittee:				
2	-	on of Peaking Factor(s) or Method(s) Used to Estimate Design Peak-Hour Water Demand and, for Small Water that Use Hydropneumatic Tanks or that Are Not Designed to Provide Fire Protection, Peak Instantaneous Water				
3	3. Design Fi	re-Flow Rate and Duration:				
4	Design Se	ervice Pressure Range:				
1	WATER OFFS IN SUPPLY!	Information  A SITE PLAN OR SKETCH SHOWING THE SIZE AND APPROXIMATE LOCATION OF NEW OR ALTERED MAINS, SHOWING THE APPROXIMATE LOCATION OF HYDRANTS, VALVES, METERS, AND BLOW-SAID MAINS, AND SHOWING HOW SAID MAINS CONNECT TO THE PUBLIC WATER SYSTEM ING WATER FOR THE PROJECT.  On of Any Areas Where New or Altered Water Mains Will Cross Above or Under Surface Water or Be Located in S Known to Be Aggressive:				
	. If this pro following allowed b	About Compliance with Design and Construction Requirements ject is being designed to comply with the following requirements, initial in ink before the requirements. If any of the requirements do not apply to this project or if this project includes exceptions to any of the following requirements as y rule, mark "X" before the requirements and complete Part II.C.2 below. RSWW = Recommended Standards for rks as incorporated into Rule 62-555.330, F.A.C.  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]  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)]  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 62-555.320(3)(b), 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)]  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 62-555.320(3)(d)]  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 will have stripes incorporated into, or applied to, the				

INCHES. [FAC 62-555.320(21)(b) and RSWW 8.1]

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

Project Name:		Permittee:
1 Toject Ivanic.		
	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 RSWW 8.1.2]
<del></del>	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 RSWW 8.1.5]
	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 RSWW 8.1.6.a]
	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 RSWW 8.1.6.b]
	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 RSWW 8.2]
	1.	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 RSWW 8.3.3]
	m.	
		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 not 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)]
	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 RSWW 8.4.1]
	0.	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]
	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 RSWW 8.4.3]
	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), RSWW 8.5.1, and AWWA standards as incorporated into FAC 62-555.330]
	r.	A continuous and uniform bedding will be provided in trenches for underground pipe installed under this
	1.	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), RSWW 8.5.2]
	s.	All water main tees, bends, plugs, and hydrants installed under this project will be provided with thrust blocks
	٠.	or restrained joints to prevent movement. [FAC 62-555.320(21)(b) and RSWW 8.5.4]
	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)1 and AWWA standards as incorporated into FAC 62-555.330]
	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]
	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 RSWW 8.5.7.d]

Project Name:	Permittee:	
	New or relocated, underground water mains included in this project will be laid to provide a of at least three feet between the outside of the water main and the outside of any existing of type sanitary sewer, storm sewer, stormwater force main, or pipeline conveying reclaimed wunder Part III of Chapter 62-610, F.A.C.; a horizontal distance of at least six feet between the water main and the outside of any existing or proposed gravity-type sanitary sewer (or a hor 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	r proposed vacuum- vater regulated he outside of the rizontal distance of roposed gravity- top of the sewer); a
	horizontal distance of at least six feet between the outside of the water main and the outside proposed pressure-type sanitary sewer, wastewater force main, or pipeline conveying reclain regulated under Part III of Chapter 62-610, F.A.C.; and a horizontal distance of at least ten outside of the water main and all parts of any existing or proposed "on-site sewage treatment system." [FAC 62-555.314(1); exceptions allowed under FAC 62-555.314(5)]	med water not feet between the
	. New or relocated, underground water mains that are included in this project and that will creproposed gravity- or vacuum-type sanitary sewer or storm sewer will be laid so the outside of at least six inches above the other pipeline or at least 12 inches below the other pipeline; and underground water mains that are included in this project and that will cross any existing or type sanitary sewer, wastewater or stormwater force main, or pipeline conveying reclaimed so the outside of the water main is at least 12 inches above or below the other pipeline. [FAC exceptions allowed under FAC 62-555.314(5)]	of the water main is d new or relocated, proposed pressure- water will be laid
	At the utility crossings described in Part II.C.1.w above, one full length of water main pipe above or below the other pipeline so the water main joints will be as far as possible from the the pipes will be arranged so that all water main joints are at least three feet from all joints is sanitary sewers, storm sewers, stormwater force mains, or pipelines conveying reclaimed was Part III of Chapter 62-610, F.A.C., and at least six feet from all joints in gravity- or pressure sewers, wastewater force mains, or pipelines conveying reclaimed water <u>not</u> regulated under 62-610, F.A.C. [FAC 62-555.314(2); exceptions allowed under FAC 62-555.314(5)]	e other pipeline <u>or</u> n vacuum-type ater regulated under e-type sanitary
	New or altered water mains that are included in this project and that will cross above surface adequately supported and anchored, protected from damage and freezing, and accessible for replacement. [FAC 62-555.320(21)(b) and RSWW 8.7.1]	
	a. New or altered water mains that are included in this project and that will cross under surface minimum cover of two feet. [FAC 62-555.320(21)(b) and RSWW 8.7.2]	e water will have a
	b. New or altered water mains that are included in this project and that will cross under surface greater than 15 feet in width will have flexible or restrained, watertight pipe joints and will both ends of the water crossing so the underwater main can be isolated for testing and repair aforementioned isolation valves will be easily accessible and will not be subject to flooding closest to the water supply source will be in a manhole; and permanent taps will be provided isolation valve within the manhole to allow for insertion of a small meter to determine leakar underwater main and to allow for sampling of water from the underwater main. [FAC 62-555.3 8.7.2]	include valves at r; the ; the isolation valve d on each side of the age from the
	c. This project is being designed to include proper backflow protection at those new or altered connections where backflow protection is required or recommended under Rule 62-555.360 <i>Recommended Practice for Backflow Prevention and Cross-Connection Control</i> , AWWA I incorporated into Rule 62-555.330, F.A.C.; or the public water system that will own this proplaced into operation has a cross-connection control program requiring water customers to i backflow protection at those service connections where backflow protection is required or Rule 62-555.360, F.A.C., or in AWWA Manual M14. [FAC 62-555.360 and AWWA Manual M14 FAC 62-555.330]	0, F.A.C., or in Manual M14, as object after it is install proper ecommended under
	d. Neither steam condensate, cooling water from engine jackets, nor water used in conjunction exchangers will be returned to the new or altered water mains included in this project. [FAC RSWW 8.8.2]	

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

EXTENSION	NS FOR PWSs			
Project Name:	Permittee:			
2. Explanation for Requirements Marked "X" in Part II.C.1 Above, Including Justification, Documentation, Assurances, Alternatives as Required by Rule for Exceptions to Requirements in Part II.C.1:				
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			
est of my knowledge and belief.	¬			
Signature, Seal, and Date of Professional Engineer (PE) or Signature and Date of Other Person in Responsible Charge of Designing Project:*	Signature, Seal, and Date of Professional Engineer (PE) or Signature and Date of Other Person in Responsible Charge of Designing Project:*			

Portion of Preliminary Design Report for Which Responsible: Portion of Preliminary Design Report for Which Responsible:

Printed/Typed Name:

License Number of PE or License Number or Title of Other

Person in Responsible Charge of Designing Project:\*

Printed/Typed Name:

License Number of PE or License Number or Title of Other

Person in Responsible Charge of Designing 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 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 <u>not</u> 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

F=	EXTENSIONS FOR PWSs				
Project Name:	Permittee:				
III. Certifications					
A. Certification by Permittee					
my knowledge and belief, this project complete begun yet and that, to the best of my knowled construction of water mains conveying reconstruction of drinking water treatment construction of water mains in areas concentration of an interconnection between a "new system" as described under subsection of water mains that will remains the water	t, pumping, or storage facilities or conflict ma ataminated by low-molecular-weight petroleur een previously separate public water systems	y that construction of this project has <u>not</u> ny of the following construction work:  nholes; n products or organic solvents; or construction of water mains that create  n.			
Florida, the permittee must retain a Florida-l purpose of determining in general if the cons construction permit, including the approved complete record drawings prepared for this p	ander the responsible charge of one or more p icensed PE to take responsible charge of inspectruction proceeds in compliance with the Deppreliminary design report, for this project. I uporoject. I also understand that the permittee mitten approval, or clearance, from the Department than disinfection or testing for leaks.	ecting construction of this project for the partment of Environmental Protection understand that the permittee must have nust submit a certification of construction			
Signature and Date	Printed or Typed Name	Title			
B. Certification by PWS Supplying Water to Pr	roject				
supply the water necessary to meet the desig which this project will be connected has(hav certify that all other PWS components affect for this project. I certify that said PWS is in applicable cross-connection control requiren applicable rules in Chapters 62-550, 62-555, belief, said PWS's connection to this project	chalf of the PWS identified in Part I.G of this in water demands for this project. As indicate in the capacity necessary to meet the design we do by this project also have the capacity necessary to meet the design we do by this project also have the capacity necessary in the capacity necessary in Rule 62-555.360, F.A.C.; and to the beand 62-699, F.A.C.; furthermore, I certify the will not cause said PWS to be in noncompliance we do not preliminary design report for this property.	d below, the water treatment plant(s) to vater demands for this project, and I ssary to meet the design water demands ments in Rule 62-555.348, F.A.C.; best of my knowledge and belief, all other at, to the best of my knowledge and nce with Chapter 62-550 or 62-555,			
• Name(s) of Water Treatment Plant(s) to	• Name(s) of Water Treatment Plant(s) to Which this Project Will Be Connected:				
<ul> <li>Total Permitted Maximum Day Operating</li> <li>Total Maximum Day Flow at Plant(s) as</li> </ul>	ng Capacity of Plant(s), gpd:s Recorded on Monthly Operating Reports Du	ring Past 12 Months, gpd:			
Signature and Date	Printed or Typed Name	Title			
C. Certification by PWS that Will Own Project					
I am duly authorized to sign this notice on be	ehalf of the PWS identified in Part I.H of this operation. I also certify that said PWS has rev				
Signature and Date	Printed or Typed Name	Title			
Signature and Date	r inited or r yped Ivallie	11110			

Project Name:	Permittee:
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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 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 <u>not</u> 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 involved	ing any of the above fisted construction work.)
Signature, Seal, and Date:	Signature, Seal, and Date:
5 ······	8 1,
Printed/Typed Name:	Printed/Typed Name:
License Number:	License Number:
Portion of Preliminary Design Report for Which Responsible:	Portion of Preliminary Design Report for Which Responsible:

<sup>\*</sup> 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.