



# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF LEAD OR COPPER CORROSION CONTROL, OR IRON OR MANGANESE SEQUESTRATION, TREATMENT FACILITIES FOR SMALL OR MEDIUM PWSs

**INSTRUCTIONS:** This notice shall be completed and submitted by small or medium public water systems (i.e., public water systems serving less than or equal to 50,000 people) proposing to construct projects permitted under the "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 Rule 62-555.401, F.A.C. **AT LEAST 30 DAYS BEFORE BEGINNING CONSTRUCTION OF A LEAD OR COPPER CORROSION CONTROL, OR IRON OR MANGANESE SEQUESTRATION, TREATMENT FACILITY 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 a preliminary design report for a lead or copper corrosion control, or iron or manganese sequestration, treatment facility 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 on 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:

B. Description of Project and Its Purpose:

C. Location of Project

1. County Where Project Located: \_\_\_\_\_
2. Description of Project Location: \_\_\_\_\_

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

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

F. Permittee (and Public Water System [PWS] that Will Own Project After It Is Placed into Permanent Operation)

PWS Name:		PWS Identification No.:	
PWS Size:            Small (serving ≤ 3,300		Medium (serving > 3,300 and ≤ 50,000 people)	
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:			

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF LEAD OR COPPER CORROSION CONTROL, OR IRON OR MANGANESE SEQUESTRATION, TREATMENT FACILITIES FOR SMALL OR MEDIUM PWSs

Project Name:	Permittee:
---------------	------------

**G. 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 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. Preliminary Design Report for Project\***

**A. Existing Facilities**

1. Water Treatment Plant Where New or Altered Lead or Copper Corrosion Control Treatment Facilities or Iron or Manganese Sequestration Treatment Facilities Will Be Constructed:

- a. Design Maximum Day Capacity of Plant, gpd: \_\_\_\_\_  
 Design Peak Capacity of Plant (if Applicable), gpd: \_\_\_\_\_  
 Permitted Maximum Day Operating Capacity of Plant, gpd: \_\_\_\_\_  
 Permitted Peak Operating Capacity of Plant (if Applicable), gpd: \_\_\_\_\_
- b. Water Source(s) for Plant:

c. Type of Treatment Provided, Including Type of Chemicals Fed, at Plant:

d. Number and Capacity of Finished Water Pumps (if Applicable):

2. Other Interconnected Water Treatment Plants Providing Lead or Copper Corrosion Control Treatment:

Plant Name	Type of Lead or Copper Corrosion Control Treatment Provided

**B. Water Quality Data and Selected Treatment**

1. Water Quality Data

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF LEAD OR COPPER CORROSION CONTROL, OR IRON OR MANGANESE SEQUESTRATION, TREATMENT FACILITIES FOR SMALL OR MEDIUM PWSs

Project Name:	Permittee:
---------------	------------

a. Water Quality Data for Lead or Copper Corrosion Control Treatment:

Water Quality at Entry to Distribution System			Water Quality at Taps		
Parameter	Minimum Value	Maximum Value	Parameter	90th Percentile	Minimum Value
					Maximum Value
Lead, mg/L			Lead, mg/L		
Copper, mg/L			Copper, mg/L		
Alkalinity, mg/L as CaCO <sub>3</sub>			Alkalinity, mg/L as CaCO <sub>3</sub>		
Calcium, mg/L as Ca			Calcium, mg/L as Ca		
Conductivity, μmho/cm @ 25° C			Conductivity, μmho/cm @ 25° C		
Orthophosphate <sup>†</sup> , mg/L as P			Orthophosphate <sup>†</sup> , mg/L as P		
pH			pH		
Silicate <sup>^</sup> , mg/L as SiO <sub>2</sub>			Silicate <sup>^</sup> , mg/L as SiO <sub>2</sub>		
Temperature, °C			Temperature, °C		

<sup>†</sup> Measure orthophosphate when a phosphate-based corrosion inhibitor is used.

<sup>^</sup> Measure silicate when a silicate-based corrosion inhibitor is used.

b. Water Quality Data for Iron or Manganese Sequestration Treatment:

Water Quality at Entry to Distribution System		
Parameter	Minimum Value	Maximum Value
Iron, mg/L		
Manganese, mg/L		
Silicate <sup>†</sup> , mg/L as SiO <sub>2</sub>		

<sup>†</sup> Measure silicate if sodium silicates will be used to sequester iron or manganese.

2. Selected Treatment Based Upon the Above Water Quality Data

a. Selected Treatment for Lead or Copper Corrosion Control Treatment:

Alkalinity and pH Adjustment

Target pH: \_\_\_\_\_ Target Alkalinity, mg/L as CaCO<sub>3</sub>: \_\_\_\_\_

Chemical to Be Added: \_\_\_\_\_ Chemical Dose, mg/L: \_\_\_\_\_

Calcium Hardness Adjustment

Target Calcium Concentration, mg/L Ca: \_\_\_\_\_

Chemical to Be Added: \_\_\_\_\_ Chemical Dose, mg/L: \_\_\_\_\_

Phosphate-Based Corrosion Inhibitor

Chemical to Be Added: \_\_\_\_\_ Chemical Dose, mg/L: \_\_\_\_\_

Target Residual, mg/L Orthophosphate as P: \_\_\_\_\_

Silicate-Based Corrosion Inhibitor

Chemical to Be Added: \_\_\_\_\_ Chemical Dose, mg/L: \_\_\_\_\_

Target Residual, mg/L as SiO<sub>2</sub>: \_\_\_\_\_

b. If There Are Other Interconnected Water Treatment Plants Providing Lead or Copper Corrosion Control Treatment

Different from the Selected Lead or Copper Corrosion Control Treatment, Explanation of How the Different Treatments Are Compatible:

c. Selected Treatment for Iron or Manganese Sequestration Treatment:

Sequestration by Polyphosphates

Chemical to Be Added: \_\_\_\_\_

Chemical Dose, mg/L of phosphate as PO<sub>4</sub>: \_\_\_\_\_

Sequestration by Sodium Silicates

Chemical to Be Added: \_\_\_\_\_

Chemical Dose, mg/L of silicate as SiO<sub>2</sub>: \_\_\_\_\_

Added Plus Naturally Occurring Silicate, mg/L as SiO<sub>2</sub>: \_\_\_\_\_

C. Project Site Information

1. ATTACH A SITE PLAN OR SKETCH SHOWING THE APPROXIMATE LOCATION OF NEW OR ALTERED CHEMICAL TANKS, FEEDERS, PIPING, AND APPLICATION POINTS IN RELATIONSHIP TO EXISTING STRUCTURES, EQUIPMENT, AND CHEMICAL APPLICATION POINTS AND SHOWING THE CAPACITY OR SIZE OF NEW OR ALTERED CHEMICAL TANKS, FEEDERS, AND PIPING.

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF LEAD OR COPPER CORROSION CONTROL, OR IRON OR MANGANESE SEQUESTRATION, TREATMENT FACILITIES FOR SMALL OR MEDIUM PWSs

Project Name:	Permittee:
---------------	------------

2. Description of How Existing and New Structures and Mechanical and Electrical Equipment at Altered Water Treatment Plant Will Be Protected from Physical Damage by the 100-Year Flood and Wave Action and Will Remain Fully Operational and Accessible During the 10- to 25-Year Flood and Wave Action (Applicable Only for Community Water Systems):

3. Description of Security Features for Altered Water Treatment Plant:

4. Description of Provisions for Standby Power at Altered Water Treatment Plant (Applicable Only for Community Water Systems Serving, or Designed to Serve, 150 or More Persons or 350 or More Service Connections):

## D. Operation and Control Strategies and Instrumentation and Control Systems

1. Description of Operation and Control Strategies and Instrumentation and Control Systems, Including Monitoring or Alarm Systems, for New or Altered Lead or Copper Corrosion Control Treatment Facilities or Iron or Manganese Sequestration Treatment Facilities:

## E. 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.E.2 below. *RSWW = Recommended Standards for Water Works* as incorporated into Rule 62-555.330, F.A.C.

- \_\_\_\_\_ a. If this project includes lead or copper corrosion control treatment facilities, the selected treatment is consistent with the guidance and recommendations in the *Lead and Copper Guidance Manual, Volume II: Corrosion Control Treatment* as adopted in Rule 62-555.335. [FAC 62-555.401(1)(b)]
- \_\_\_\_\_ b. If this project includes iron or manganese sequestration by polyphosphate, the maximum concentration of iron plus manganese to be sequestered does not exceed 1.0 mg/L, and the total phosphate applied will not exceed 10 mg/L as PO<sub>4</sub>. [FAC 62-550.325(1)]
- \_\_\_\_\_ c. If this project includes iron or manganese sequestration by polyphosphate, polyphosphate will not be applied ahead of iron or manganese removal treatment, and the point of polyphosphate application will be prior to any aeration, oxidation, or disinfection treatment if no iron or manganese removal treatment is provided. [RSWW 4.6.5.c; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ d. If this project includes iron or manganese sequestration by sodium silicate, the water to be treated is ground water, the maximum concentration of iron plus manganese to be sequestered does not exceed 2 mg/L, the amount of silicate added will be limited to 20 mg/L as SiO<sub>2</sub>, and the amount of added plus naturally occurring silicate will not exceed 60 mg/L as SiO<sub>2</sub>. [FAC 62-550.325(2)]
- \_\_\_\_\_ e. If this project includes iron or manganese sequestration by sodium silicate, the point of sodium silicate application will be prior to any air contact; rapid oxidation of the metal ions, such as by chlorine or chlorine dioxide, will accompany or closely precede sodium silicate addition; and sodium silicate will not be applied ahead of iron or manganese removal treatment. [RSWW 4.6.6; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ f. This project is being designed to keep existing public water system components in operation during construction or to minimize interruption of water service during construction. [RSWW 1.3.a; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ g. All drinking water treatment chemicals obtained under this project will conform to NSF Standard 60 as adopted in Rule 62-555.335, F.A.C., or other applicable standards referenced in paragraph 62-555.320(3)(a), F.A.C. [FAC 62-555.320(3)(a)]

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF LEAD OR COPPER CORROSION CONTROL, OR IRON OR MANGANESE SEQUESTRATION, TREATMENT FACILITIES FOR SMALL OR MEDIUM PWSs

Project Name:	Permittee:
---------------	------------

- \_\_\_\_\_ h. All public water system components that will be installed under this project and that will come into contact with drinking water or drinking water treatment chemicals will conform to NSF International (NSF) 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)]
- \_\_\_\_\_ i. 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]
- \_\_\_\_\_ j. All new or altered, aboveground piping included in this project will be color coded and labeled as recommended in Section 2.14 of *RSWW*. [FAC 62-555.320(10)]
- \_\_\_\_\_ k. Stock phosphate solution will be kept covered and disinfected by carrying approximately 10 mg/L free chlorine residual. (Phosphate solutions that have a pH of 2.0 or less or that have been shown not to support viable bacterial cultures are exempted from this requirement.) [RSWW 4.6.5.c; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ l. Chemicals addressed under this project will be applied to the water at such points, and by such means, as to: assure maximum efficiency of treatment; assure maximum safety to consumers; provide maximum safety to operators; assure satisfactory mixing of the chemicals with the water; and prevent backflow or backsiphonage between multiple points of feed through common manifolds. [RSWW 5.0.2; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ m. New or altered equipment included in this project is being designed such that: chemical feeders will be able to supply, at all times, the necessary amounts of chemicals at an accurate rate throughout the range of feed; chemical-contacting materials and surfaces will be resistant to the aggressiveness of the chemical solution; corrosive chemicals will be introduced in such a manner as to minimize potential for corrosion; incompatible chemicals will not be stored or handled together; each chemical will be conducted from the feeder to the point of application in a separate conduit; chemical feeders will be as near as practical to the feed point; and chemical feeders and pumps will operate at no lower than 20 percent of the maximum feed rate unless two fully independent adjustment mechanisms such as pump pulse rate and stroke length will be provided, in which case the feeder or pump will operate at no lower than ten percent of the maximum feed rate. [RSWW 5.0.3; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ n. A separate chemical feeder will be used for each chemical addressed under this project. [RSWW 5.1.1.b; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ o. For new or altered chemical feeders included in this project, spare parts will be available to replace parts subject to wear and damage. [RSWW 5.1.1.c; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ p. Automatic controls for new or altered chemical feeders included in this project are being designed to allow override by manual controls. [RSWW 5.1.2.a; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ q. New or altered chemical feeders that are included in this project and that will be automatically operated will be electrically interconnected with well or service pumps. [RSWW 5.1.2.b; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ r. Feed rates for chemicals addressed under this project will be proportional to flow. [RSWW 5.1.2.c; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ s. A means to measure water flow is, or will be, provided in order to determine feed rates for chemicals addressed under this project. [RSWW 5.1.2.d; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ t. For chemicals addressed under this project, provisions will be made for measuring the quantities of chemicals used. [RSWW 5.1.2.e; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ u. New or altered dry-chemical feeders included in this project will measure chemicals volumetrically or gravimetrically, provide adequate solution water and agitation of the chemical in the solution pot, provide gravity feed from the solution pot, and completely enclose chemicals to prevent emission of dust to the operating room. [RSWW 5.1.3; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ v. New or altered liquid-chemical pumps included in this project will be capable of operating at the required maximum rate against the maximum head conditions found at the point of injection. [RSWW 5.1.4; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ w. New or altered liquid-chemical feeders included in this project will be such that chemical solutions cannot be siphoned into the water. (Liquid-chemical feeders will discharge at a point of positive pressure, vacuum relief will be provided, an air gap will be provided, or other suitable means of preventing siphoning will be provided.) [RSWW 5.1.5; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ x. Cross-connection control will be provided to assure that water service lines discharging to new or altered solution tanks included in this project are properly protected from backflow and to assure that no drain or overflow from a new or altered chemical feeder or tank included in this project is connected directly to any sanitary or storm sewer. (Drains will terminate at least six inches or two pipe diameters, whichever is greater, above the overflow rim of a receiving sump, conduit, or waste receptacle.) [RSWW 5.1.6; exceptions allowed under FAC 62-555.330]

# NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF LEAD OR COPPER CORROSION CONTROL, OR IRON OR MANGANESE SEQUESTRATION, TREATMENT FACILITIES FOR SMALL OR MEDIUM PWSs

Project Name:	Permittee:
---------------	------------

- \_\_\_\_\_ y. New or altered chemical-feed equipment included in this project will be readily accessible for servicing, repair, and observation of operation. [RSWW 5.1.7.a; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ z. Water service lines discharging to new or altered solution tanks included in this project will be provided with means for measuring water when preparing specific solution concentrations by dilution. [RSWW 5.1.8.b; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ aa. New or altered, liquid-chemical storage tanks included in this project will be for use with just one chemical and not different chemicals. [RSWW 5.1.9.b; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ bb. Chemicals addressed under this project will be stored in covered or unopened shipping containers unless they will be transferred into appropriate storage tanks. [RSWW 5.1.9.c; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ cc. New or altered, liquid-chemical storage tanks included in this project will have a liquid-level indicator and will have an overflow and receiving basin capable of receiving accidental spills or overflows without uncontrolled discharge. [RSWW 5.1.9.d; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ dd. Day tanks will be provided where bulk storage of liquid chemical is provided under this project. [RSWW 5.1.11.a; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ ee. A means that is consistent with the nature of the chemical solution will be provided to maintain a uniform strength of solution in new or altered solution or day tanks included in this project. (Continuous agitation will be provided to maintain slurries in suspension.) [RSWW 5.1.10.a & 5.1.11.f; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ ff. New or altered solution or day tanks included in this project will be kept covered. (Large tanks with access openings will have the openings curbed and fitted with overhanging covers.) [RSWW 5.1.10.d & 5.1.11.b; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ gg. Subsurface locations for new or altered solution or day tanks included in this project will be free from sources of possible contamination and will be provided with positive drainage for ground water, accumulated water, and chemical spills and overflows. [RSWW 5.1.10.e & 5.1.11.b; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ hh. New or altered, acid-containing solution or day tanks included in this project will be vented individually to the outside atmosphere and not through common vents. [RSWW 5.1.10.g & 5.1.11.b; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ ii. New or altered solution or day tanks included in this project will be provided with a valved drain. [RSWW 5.1.10.h & 5.1.11.b; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ jj. New or altered solution or day tanks included in this project will be located, and protective curbing will be provided, so that chemicals from equipment failure, spillage, or accidental drainage will not enter the water in conduits or treatment or storage basins. [RSWW 5.1.10.i & 5.1.11.b; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ kk. A means will be provided to measure the liquid level in new or altered solution tanks included in this project. [RSWW 5.1.10.c; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ ll. New or altered day tanks included in this project will be scale-mounted, will have a calibrated gauge painted or mounted on the side if liquid level can be observed through a translucent sidewall or in a gauge tube, or will have a gauge rod attached to a float and extending above a reference point. (The ratio of the area of day tanks to their height will be such that unit readings are meaningful in relation to the total amount of chemical fed during a day.) [RSWW 5.1.11.d; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ mm. If this project includes new or altered, motor-driven transfer pumps for transfer of chemicals to day tanks, a liquid-level limit switch will be provided for the transfer pumps, and an overflow will be provided for the day tanks. [RSWW 5.1.11.e; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ nn. New or altered day tanks included in this project, and refilling line entry points for such tanks, will be clearly labeled with the name of the chemical contained. [RSWW 5.1.11.g; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ oo. New or altered chemical-feed lines included in this project are being designed consistent with scale-forming or solids-depositing properties of the chemical or solution conveyed. [RSWW 5.1.12.g; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ pp. For chemicals addressed under this project, carts, elevators, and other appropriate means will be provided for lifting chemical containers to minimize excessive lifting by operators. [RSWW 5.1.13.a; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ qq. For dry chemicals addressed under this project, provisions will be made for proper transfer of the chemicals from shipping containers to storage bins or hoppers in such a way as to minimize the quantity of dust that will enter the room in which the storage bins or hoppers are installed. [RSWW 5.1.13.c; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ rr. For chemicals addressed under this project, provisions will be made for measuring quantities of chemicals used to prepare feed solutions. [RSWW 5.1.13.d; exceptions allowed under FAC 62-555.330]
- \_\_\_\_\_ ss. Floor surfaces in rooms housing new or altered chemical application facilities included in this project will be smooth, impervious, slip-proof, and well drained with a minimum slope of three inches per ten feet. [RSWW 5.1.14.a; exceptions allowed under FAC 62-555.330]

## NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF LEAD OR COPPER CORROSION CONTROL, OR IRON OR MANGANESE SEQUESTRATION, TREATMENT FACILITIES FOR SMALL OR MEDIUM PWSs

Project Name:	Permittee:
---------------	------------

- \_\_\_\_\_ tt. Vents from new or altered chemical feeders, storage facilities, or exhaust equipment included in this project will discharge to the outside atmosphere above grade and remote from air intakes. [RSWW 5.1.14.b; exceptions allowed under FAC 62-555.330]
  - \_\_\_\_\_ uu. Acid or caustic chemicals addressed under this project will be kept in closed corrosion-resistant shipping containers or storage units. [RSWW 5.4.2.a; exceptions allowed under FAC 62-555.330]
  - \_\_\_\_\_ vv. Acid or caustic chemicals addressed under this project will not be handled in open vessels. [RSWW 5.4.2.b; exceptions allowed under FAC 62-555.330]
  - \_\_\_\_\_ ww. Appropriate safety or protective equipment will be provided in accordance with Table 15.5 in *Water Treatment Plant Design* as incorporated into Rule 62-555.330, F.A.C.. [FAC 62-555.330]
  - \_\_\_\_\_ xx. New or altered water treatment facilities, including chemical application facilities, and new or altered treatment plant process piping conveying either raw, partially treated, or finished drinking water will be disinfected and bacteriologically evaluated in accordance with Rule 62-555.340, F.A.C. (Disinfection is not required for treatment facilities and treatment plant process piping that normally are treating or conveying surface water, or ground water under the direct influence of surface water, and that are located upstream of all filtration and disinfection treatment facilities.) [FAC 62-555.340]
  - \_\_\_\_\_ yy. New or altered chemical storage tank systems that are included in this project and that are subject to regulation under Chapter 62-761, F.A.C., will meet applicable performance standards in Chapter 62-761, F.A.C. [FAC 62-761]
2. Explanation for Requirements Marked "X" in Part II.E.1 Above, Including Justification, Documentation, Assurances, and/or Alternatives as Required by Rule for Exceptions to Requirements in Part II.E.1:

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:	Printed/Typed Name:
License Number of PE <u>or</u> License Number or Title of Other Person in Responsible Charge of Designing Project:*	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:	Portion of Preliminary Design Report for Which Responsible:

## NOTICE OF INTENT TO USE THE GENERAL PERMIT FOR CONSTRUCTION OF LEAD OR COPPER CORROSION CONTROL, OR IRON OR MANGANESE SEQUESTRATION, TREATMENT FACILITIES FOR SMALL OR MEDIUM PWSs

Project Name:	Permittee:
---------------	------------

*\* 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.*

### III. Certifications

#### A. Certification by Permittee (and PWS that Will Own Project After It Is Placed into Permanent Operation)

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., and provides assurance of compliance with Chapter 62-550, F.A.C. I also certify that construction of this project has not begun yet.

I understand that, if this project is designed under the responsible charge of one or more professional engineers licensed in Florida, the permittee must retain a Florida-licensed professional engineer 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 and must provide an operation and maintenance manual for the lead or copper corrosion control, or iron or manganese sequestration, treatment facilities constructed under 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, testing for leaks, or testing equipment operation.

Signature and Date	Printed or Typed Name	Title
--------------------	-----------------------	-------

#### B. 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., and provides assurance of compliance with Chapter 62-550, F.A.C.

Signature, Seal, and Date:	Signature, Seal, and Date:
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:

*\* 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.*