Entry Point and Distribution Water Quality Parameters

Reporting Format 62-550.730(4)(c)

1. **Water System Information**

System name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

System type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PWS ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

System contact person: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contact phone: ( )\_\_\_\_- \_\_\_\_\_\_\_

Population interval [ ]  A [ ]  B [ ]  C [ ]  D [ ]  E [ ]  F [ ]  G

Monitoring period: from \_\_\_/\_\_\_(mm/yy) to \_\_\_/\_\_\_(mm/yy)

Date entry point and tap (distribution) optimal water quality parameters (OWQPs) designated by State (mm/dd/yy) or N/A: \_\_\_\_\_\_\_\_\_\_

1. **Treatment Information**

[ ]  Adjustment of pH [ ]  Adjustment of alkalinity [ ]  Calcium carbonate stabilization [ ]  Use of a corrosion inhibitor

Chemical(s) used: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chemical name(s):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Brand name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chemical(s) added conforms to requirements of 62-555.320(3)(a), Florida Administrative Code (F.A.C.): [ ]  Yes [ ]  No

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1. **Entry Point(s)**

Number of entry point sampling sites required under 40 CFR 141.87(a)(2) (2011): \_\_\_\_\_\_\_\_\_\_\_\_\_

Number of entry point sampling sites reported: \_\_\_\_\_\_\_\_\_\_\_\_\_

**State-Designated Optimal Water Quality Parameters (OWQPs) – Entry Point(s)**

| Entry Point Name | pH min | pH max | Ortho-phosphate min (mg/L as P) | Ortho-phosphate max (mg/L as P) | Total Alkalinity min (mg/L as CaCO3) | Total Alkalinity max (mg/L as CaCO3) | Silica min (mg/L as SiO2) | Silica max (mg/L as SiO2) |
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**Entry Point Results** (add additional rows to below tables if needed)

| SamplingDate (mm/dd/yy) | Site ID Number | Location | pH (pH units) | Alkalinity (mg/L as CaCO3) | Orthophosphate (mg/L as P) | Silica (mg/L as SiO2) | Temperature (deg. C) | Calcium (mg/L as CaCO3) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| Sampling Date (mm/dd/yy) | Site ID Number | Location | Conductivity (µmho/cm @ 25 deg. C) | Dosage Rate of Orthophosphate Inhibitor (mg/L) | Dosage rate of Silicate Inhibitor (mg/L) | Dosage Rate – Alkalinity (mg/L) |
| --- | --- | --- | --- | --- | --- | --- |
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1. **Taps (Distribution)**

Tap WQP Round [ ]  1st [ ]  2nd

Number of Tap Sampling Sites Required under 40 CFR 141.87(a)(2) (2011): \_\_\_\_\_\_\_\_\_\_\_\_

Number of Tap Sampling Sites Reported: \_\_\_\_\_\_\_\_\_\_\_\_

**State-Designated Optimal Water Quality Parameters (OWQPs) – Taps (Distribution)**

| Distribution System Area Name | pH min | Ortho-phosphate min (mg/L as P) | Ortho-phosphate max (mg/L as P) | Total Alkalinity min (mg/L as CaCO3) | Total Alkalinity max (mg/L as CaCO3) | Silica min (mg/L as SiO2) | Silica max (mg/L as SiO2) | Calcium min (mg/L as CaCO3) | Calcium max (mg/L as CaCO3) |
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**Tap (Distribution System) Results** (add additional rows to below tables if needed)

| SamplingDate (mm/dd/yy) | Site Address or Location | Site ID No. | pH (pH units) | Alkalinity (mg/L as CaCO3) | Orthophosphate (mg/L as P) | Silica (mg/L as SiO2) |
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| SamplingDate (mm/dd/yy) | Site Address or Location | Site ID No. | Temperature (deg. C) | Calcium (mg/L as CaCO3) | Conductivity (µmho/cm @ 25 deg. C) |
| --- | --- | --- | --- | --- | --- |
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1. **Instructions**

**General:** This format may be used when reporting the results of water quality parameter (WQP) monitoring required under 40 CFR 141.87 (2011). This format conforms to the requirements of 62-550.730(4)(c), Florida Administrative Code (F.A.C.).

**Water System Information:** Select the population interval found in the sampling plan (DEP Form 62-555.900(12)). The population served is the sum of the number of permanent residents and the number of additional non-transient persons to whom the system is available, such as school children, office and commercial employees, and seasonal residents.

|  |  |
| --- | --- |
| Total Population Served | Population Interval |
| Greater than 100,000 | A |
| 50,001 to 100,000 | B |
| 10,001 to 50,000 | C |
| 3,301 to 10,000 | D |
| 501 to 3,300 | E |
| 101 to 500 | F |
| Less than 101 | G |

Enter the date that the entry point and tap (distribution) optimal water quality parameters values were designated by the State, or enter N/A for not applicable.

**Treatment Information:** List the corrosion control treatment method used, if any. List any corrosion control additives used by chemical name and brand name and indicate if the additives used meet the requirements of 62-555.320(3)(a). Rule 62-555.320(3)(a) requires drinking water additives and treatment chemicals to conform to one of the following: NSF International Standard 60 as adopted in Rule 62-555.335, the standards in *Water Chemicals Codex* as adopted in Rule 62-555.335, or the standards in *Food Chemicals Codex* as adopted in Rule 62-555.335.

**Entry Point(s):** List the number of entry point sampling sites required to be sampled and the number of entry point sampling sites for which results are being reported. List the State-designated Optimal Water Quality Parameters (OWQPs) for entry points. If there are no State-designated OWQPs, skip the entry point OWQP table. Enter entry point results. The Site ID Number and Location should match those on Part V of the approved sampling plan (DEP Form 62-555.900(12) – PWS Sampling Plan for Lead and Copper Tap Samples and Water Quality Parameters). Be sure Site ID Number and Location enable the Department to identify the location of the sample – you may wish to add additional information concerning the Location not shown in the sampling plan. Enter data for applicable parameters only – refer to 40 CFR 141.87.

**Taps (Distribution):** Select first or second round. List the number of tap sampling sites required to be sampled and the number of tap sampling sites for which results are being reported. List the State-designated Optimal Water Quality Parameters (OWQPs) for taps. If there are no State-designated OWQPs, skip the tap OWQP table. Enter tap results. The Site ID Number and Location should match those on Part V of the approved sampling plan (DEP Form 62-555.900(12) – PWS Sampling Plan for Lead and Copper Tap Samples and Water Quality Parameters). Be sure Site ID Number and Location enable the Department to identify the location of the sample – you may wish to add additional information concerning the Location not shown in the sampling plan, such as street address or kitchen sink. Enter data for applicable parameters only – refer to 40 CFR 141.87.