### **FLORIDA RURAL WATER ASSOCIATION**

2970 Wellington Circle • Tallahassee, FL 32309-6885

Telephone: 850-668-2746 ~ Fax: 850-893-4581

**Stage 2 Disinfectants/Disinfection By-Product Rule (D/DBPR)**

# **Water System Evaluation**

|  |  |  |  |
| --- | --- | --- | --- |
| PWS Name: |  | CR Name: |  |
| PWS ID No. |  | Date: |  |
| Address: |  | County: |  |
| Owner Name: |  | Operator Name: |  |
| Talked w/ Owner? | [ ]  Yes [ ]  No (VERY IMPORTANT!) | Contract Operator? | [ ]  Yes [ ]  No |
| Permitted Capacity: | MGD / gpd  | Connections: |  |
| Max. Daily Demand: | MGD / gpd | Population: |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DBPR Compliance Monitoring Points** | **Sample Type** | **1st Quarter** Jan – Mar  | **2nd Quarter**Apr – Jun  | **3rd Quarter (just completed)** Jul – Sep  | **4th Quarter**Oct – Dec  |
| Point #1 | TTHMs |  |  |  |  |
|  | HAA5s |  |  |  |  |
| Point #2 | TTHMs |  |  |  |  |
|  | HAA5s |  |  |  |  |

|  |  |
| --- | --- |
| **Source Water:** [ ]  Wells No. of Wells: No. Wells not on-line: [ ]  Surface Name of Source(s): [ ]  Purchase Name of System(s): [ ]  Sells to: Name of System(s):  | **Treatment:** No. of Plants: No. of Operators: [ ]  Sodium Hypochlorite [ ]  Gas Chlorine [ ]  Ammonia [ ]  Aeration [ ]  Fluoridation [ ]  Coagulation [ ]  Stabilization [ ]  Filtration [ ]  Flocculation[ ]  Corrosion Control [ ]  Softening [ ]  Reverse Osmosis[ ]  Other  |
| **Raw Water Quality:** [ ]  H2S mg/L [ ]  Iron mg/L[ ]  TOC mg/L [ ]  pH [ ]  Apparent Odor units [ ]  Apparent Color units[ ]  TDS mg/L [ ]  Nitrate/Nitrite mg/LDoes OWNER understand the link between Water Quality & DBPs? If not explain. [ ]  Very Well [ ]  Fairly Well [ ]  Maybe Not [ ]  No  | **Level of Chlorination:** Chlorine Injection Locations: [ ]  Wellhead [ ]  Before Aeration [ ]  Before Tank(s) [ ]  Post Tank(s) [ ]  Point of EntryResidual at POE mg/L Residual at MRT mg/LIs OPERATOR motivated to Lower Chlorine Feed? If not explain.[ ]  Very High [ ]  Fairly Motivated [ ]  Indifferent [ ]  Negative Does OWNER understand the link between Chlorine Rates & DBPs? If not explain. [ ]  Very Well [ ]  Fairly Well [ ]  Maybe Not [ ]  No  |
| **Distribution System & Water Age:** Main Sizes: [ ]  >2” [ ]  2” [ ]  3” [ ]  4” [ ]  6” [ ]  8”/10” [ ]  12”+Flushing Valves Installed: Manual: Auto: No. Dead Ends: [ ]  unknown by systemAre Flushing records kept? [ ]  Yes [ ]  NoFlushing Frequency: [ ]  weekly [ ]  bi-weekly [ ]  monthly [ ]  quarterly [ ]  infrequently [ ]  when they remember Are automatic flushers working & batteries good? [ ]  Yes [ ]  NoIs OPERATOR motivated to Lower Water Age in Dist. System? [ ]  Very High [ ]  Fairly Motivated [ ]  Indifferent [ ]  Negative Does the OWNER understand the link between Water Age in Distribution System & DBPs? If not explain.[ ]  Very Well [ ]  Fairly Well [ ]  Maybe Not [ ]  No  | **Finished Water Storage:** [ ]  Hydropneumatic No. Tanks: Capacity: [ ]  Ground No. Tanks: Capacity: [ ]  Elevated No. Tanks: Capacity: Can water age be lowered in tanks? [ ]  Yes [ ]  NoCan the water in tanks be turned over more often? [ ]  Yes [ ]  NoCan water in tanks be mixed better? [ ]  Yes [ ]  NoIs OPERATOR motivated to age be lowered in tanks Lower Water Age in Tanks? [ ]  Very High [ ]  Fairly Motivated [ ]  Indifferent [ ]  Negative Does the OWNER understand the link between how long the water sits in Tanks & DBP formation? If not explain.[ ]  Very Well [ ]  Fairly Well [ ]  Maybe Not [ ]  No  |

|  |
| --- |
| Record any additional comments about the Water System, Owner, Operator, Raw Water Quality, etc. and your opinion of the likelihood that the system will be able to comply with the D/DBPR MCL: |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |