### **FLORIDA RURAL WATER ASSOCIATION**

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

# **Water System Evaluation**

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| 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: |  |

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| **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 |  |  |  |  |

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| **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/L  Does 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 Entry  Residual at POE mg/L Residual at MRT mg/L  Is 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 system  Are Flushing records kept?  Yes  No  Flushing Frequency:  weekly  bi-weekly  monthly  quarterly  infrequently  when they remember  Are automatic flushers working & batteries good?  Yes  No  Is 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  No  Can the water in tanks be turned over more often?  Yes  No  Can water in tanks be mixed better?  Yes  No  Is 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 |

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| 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: |
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