



## ADDENDUM D: DISINFECTION REQUIREMENTS RULE (DRR) SAMPLE SITING PLAN

### Part 1: Instructions

#### PWS ID:

Enter the 7-digit Public Water System (PWS) ID# for your system at the top of each page.

#### Disinfectant Type:

Check the appropriate box(es) to indicate the type of disinfectant used at the entry point and within the distribution system.

#### Sample Location Information Table:

- **Location ID:** Use the same 3-digit identification number for the sample site that was identified in the Coliform Sample Siting Plan. If any location is used only for disinfectant residual monitoring, assign a unique 3-digit identification number from 700 to 999.
- **Site Location (address and tap location):** If the site location is *not* a location used for RTCR monitoring, provide the site location address and a description of the tap location (Example: XYZ restaurant at 303 Main Street; kitchen sink tap). If the site location *is* used for RTCR monitoring, this field can be left blank.
- **Location also used for:** Check the appropriate box(es) indicating whether the sample location is also used for RTCR, TTHM and/or HAA5 monitoring under the Stage 2 Disinfection Byproduct Rule (S2DBPR) or Lead and Copper Rule (LCR) monitoring. If the location is used only for disinfectant residual monitoring, check the "DRR Only" box.
- **Representative Location Code:** Check the appropriate box(es) to indicate which types of distribution locations are represented. You may use more than one code for a site (e.g. a finished water storage facility may also have high water age, so boxes 4 and 6 should be checked).

1 – General Distribution Location	5 – Interconnection with another PWS
2 – Dead End	6 – Area of high water age
3 – First Service Connection	7 – Previous coliform detections
4 – Finished Water Storage	8 – Mixing Zones*

\*Mixing zones are to be identified at systems using chlorine and purchasing water from a system using chloramines or for systems using chloramines and purchasing water from a system using chlorine.

- **On-line Analyzer or Grab Sample?:** Check the appropriate box to indicate whether the disinfectant residual at this site will be measured by an on-line analyzer or by grab samples (for example, hand-held or benchtop colorimeters).
- **On-line Analyzer Recording Freq.:** If an on-line analyzer is used, indicate the frequency of the recorded measurements (e.g. every 15 minutes, hourly, once every 4 hours, etc.).
- **Grab Sampling Frequency:** If the residual at a location is measured by grab samples, identify which week(s) of the month (1-5) in which the disinfectant residual will be measured at that location.

**NOTE:** Weekly measurement means the disinfectant residual is measured from at least one location at least once every week, so there will be at least 52 measurements in a calendar year. Therefore, some months will have a week 5 sample at one or more locations.

EXAMPLE: If the residual is measured at location 701 every Thursday, and there are 5 Thursdays in a month, location 701 will have 5 residual measurements (one in each of weeks 1 through 5) for that month.

#### Certification:

The PWS Responsible Official or authorized agent should then sign and date the completed form. At the bottom of page 1, indicate the number of additional pages that are attached (if none, enter 0).



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**Part 2: DRR Sample Siting Plan**

**Disinfectant Type:** (check all that apply)

Entry Point	Distribution System
<input checked="" type="checkbox"/> Chlorine <input type="checkbox"/> Chloramines <input type="checkbox"/> Chlorine Dioxide	<input checked="" type="checkbox"/> Chlorine <input type="checkbox"/> Chloramines <input type="checkbox"/> Chlorine Dioxide

**Sample Location Information Table**

Disinfection residual measurements must be taken weekly at the same time and location(s) as the total coliform samples listed in the *Coliform Sample Siting Plan*. If a total coliform sample is not required during any of the weeks in a month, the PWS may designate another location in the table below as the disinfectant residual sampling location for the week, or alternate between sample locations already identified.

Location ID	Site location - address & tap location (if Site <i>not</i> used for RTCR monitoring)	Location also used for: (check all that apply)	Representative Location Code (check all that apply)	On-line Analyzer or Grab Sample?	On-line Analyzer Recording Freq.	Grab Sampling Frequency*
701	See RTCR Sample Siting Plan	<input type="checkbox"/> DRR only <input checked="" type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input checked="" type="checkbox"/> Grab Sample		Week 2 (Jan, Mar, May, Jul, Sep, Nov) and week 1 and week 4
702	See RTCR Sample Siting Plan	<input type="checkbox"/> DRR only <input checked="" type="checkbox"/> RTCR <input type="checkbox"/> LCR <input checked="" type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input checked="" type="checkbox"/> Grab Sample		Week 2 (Feb, Apr, Jun, Aug, Oct, Dec) and Week 3 and Week 5
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		

**\*NOTE:** Weekly measurement means the disinfectant residual is measured from at least one location at least once every week. Some months will have a week 5 residual measurement at one or more locations.

**Certification:** As a representative of the Public Water System (PWS) indicated above, I certify that the information contained in this form is accurate and correct to the best of my knowledge.

Wade N. Deeply	Wade N. Deeply	Responsible Official	7/25/2018	0
Signature	Print Name	Title	Date	# additional pages

**Part 3: DRR Sample Siting Plan Table (for PWSs with more than 5 locations)**

Location ID	Site location - address & tap location (if Site <i>not</i> used for RTCR monitoring)	Location also used for: (check all that apply)	Representative Location Code (check all that apply)	On-line Analyzer or Grab Sample?	On-line Analyzer Recording Freq.	Grab Sampling Frequency*
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		

**\*NOTE:** Weekly measurement means the disinfectant residual is measured from at least one location at least once every week. Some months will have a week 5 residual measurement at one or more locations.

Location ID	Site location - address & tap location (if Site <i>not</i> used for RTCR monitoring)	Location also used for: (check all that apply)	Representative Location Code (check all that apply)	On-line Analyzer or Grab Sample?	On-line Analyzer Recording Freq.	Grab Sampling Frequency*
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		
		<input type="checkbox"/> DRR only <input type="checkbox"/> RTCR <input type="checkbox"/> LCR <input type="checkbox"/> TTHM / HAA5	<input type="checkbox"/> 1 <input type="checkbox"/> 5 <input type="checkbox"/> 2 <input type="checkbox"/> 6 <input type="checkbox"/> 3 <input type="checkbox"/> 7 <input type="checkbox"/> 4 <input type="checkbox"/> 8	<input type="checkbox"/> On-line Analyzer <input type="checkbox"/> Grab Sample		

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