

SAMPLE Stage 2 DBPR Compliance Monitoring Plan

DIGITAL FORM

PWS Information:

Date Submitted: 12/13/2011

WSID: VY000000

Water System Name: Wala Wala Water

Water System 911 Street Address: 36 Drinking Water Drive

City: Whisky Gulch

State: VT

Zip: 05555

Total Population Served By System: 85

System Type:

- Community Water System
- NTNC Water System

Source Water Type:

- Subpart H (Surface Water)
- Ground Water

Buying/Selling Relationship:

- Consecutive (purchasing) System ...To WSID: _____
- Wholesale (seller) System
- Neither (system supplies its own water)

Residual Disinfectant Type:

- Chlorine
- Chloramines
- Other (please stipulate: _____)

Number of Disinfected Sources:

1 Surface _____ GWUDI _____ Groundwater _____ Purchased

Name of Person Completing this Plan: Fred Kievit-Kylar

Phone Number: (802) 338-4826

E-Mail Address: fred.kievit-kylar@state.vt.us

Projected Sampling Date (month/year)*

Site Type	Site Location & Justification	Period 1	Period 2	Period 3	Period 4
<input checked="" type="checkbox"/> Highest TTHM <input type="checkbox"/> Highest HAA5 <input type="checkbox"/> Stage 1 DBPR <input type="checkbox"/> Other	Location (Residence Name, 911 Address): Johnson Residence, 65 West Water Street	Not monitoring	Not monitoring	Second week of...	Not monitoring
	Justification for Selection: This site had the highest LRAA and highest individual TTHM value	Month / Year	Month / Year	August / 2014	Month / Year
<input type="checkbox"/> Highest TTHM <input checked="" type="checkbox"/> Highest HAA5 <input type="checkbox"/> Stage 1 DBPR <input type="checkbox"/> Other	Location (Residence Name, 911 Address): Jones Residence, 128 East Water Way	Not monitoring	Not monitoring	Second week of...	Not monitoring
	Justification for Selection: This site had the highest LRAA and the highest individual HAA5 value	Month / Year	Month / Year	August / 2014	Month / Year

* Period = monitoring period. Complete for the number of monitoring periods required for your system (annual or quarterly)

NOTE: For systems monitoring on an annual basis, you will most likely begin Stage 2 compliance monitoring in August (Period 3), 2014.

Compliance Calculation Procedures:

- Monitor yearly, compliance calculated as sample result for each analyte < MCL for each location
- Monitor quarterly, compliance calculated as $LRAA = (Q1+Q2+Q3+Q4)/4 < MCL$ for each location
- Monitor more frequently than quarterly. Compliance will be calculated as follows:

Combined Distribution System Information

This PWS is part of a combined distribution system (PARENT WSID: VT_____)

If checked: Monitoring requirements have been reduced by the State and monitoring plans for other systems are attached.

PLEASE save this completed digital form first to your computer's hard drive and then submit it as a file attachment e-mailed to the following address:
doug.kievit-kylar@state.vt.us

IMPORTANT: PLEASE attach also a distribution system schematic with ALL selected monitoring location(s) clearly labeled.

Compliance Calculation Procedure: Stage 2 Compliance Monitoring on an Annual Basis

- Compliance is calculated by making a comparison of each sample against the MCL for each analyte (TTHM and HAA5) at each location:

Each sample result must be < MCL for each location

While I am monitoring DBPs on an annual basis...

- Compliance is based on the value of the yearly samples at each location.
- I will make compliance calculations beginning with the first compliance sample taken after the compliance date.
- If any sample exceeds the MCL, I understand that I am not immediately in violation. I must begin increased monitoring immediately (monitor quarterly at each location).
- If any sample exceeds the MCL and I am on reduced monitoring, I must begin increased monitoring immediately (monitor quarterly at each location).
- I understand that failure to monitor will be treated as a monitoring violation for the entire period covered by a locational running annual average compliance calculation for the Stage 2 MCLs.

Compliance Calculation Procedure: Stage 2 Compliance Monitoring on a Quarterly Basis

- Compliance is calculated by making a comparison of the Locational Running Annual Average (LRAA) against the MCL for each analyte (TTHM and HAA5):

$LRAA = (Q1+Q2+Q3+Q4)/4$ must be < MCL for each location

While I am monitoring on a quarterly basis...

- Compliance is based on the LRAA of monitoring results, calculated quarterly.
- I will make compliance calculations beginning with the end of the fourth quarter of monitoring and continue calculations after each quarter.
- If I fail to complete four consecutive quarters of monitoring, I must calculate compliance with the MCL based on the average of the available data from the most recent four quarters.
- If I take more than one sample per quarter at a monitoring location, I must average all samples taken in the quarter at that location to determine a quarterly average to be used in the LRAA calculation.
- If the LRAA at any location exceeds the MCL, I am in violation.

I understand that failure to monitor will be treated as a monitoring violation for the entire period covered by a locational running annual average compliance calculation for the Stage 2 MCLs.

SAMPLE