**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, REGION 8**
**Office of Partnerships & Regulatory Assistance**
**Drinking Water Unit (8P-W-DW)**
**1595 Wynkoop St., Denver, CO 80202-2466**
http://www.epa.gov/region08

Instructions for:

# Disinfection Byproduct (DBP) Precursor Form # 2

Alternative Compliance Criteria for Conventional Filtration Treatment Plants

1. PWSID#: Enter the Public Water System (PWS) ID number assigned by U.S. EPA.
2. System Name: Enter system legal name provided to U.S. EPA when PWSID assigned.
3. Date: Enter the date that the final report is prepared and signed.
4. Treatment Plant Name: Enter the name of the treatment plant from which these results are associated. Be sure name is consistent with treatment plant name in the monitoring plan.
5. Plant ID#: The treatment plant identification number.
6. Authorized Signature: The person that signs the form must be the legal owner or authorized representative of the legal owner. This signature certifies that the information submitted is correct and consistent with the written monitoring plan.
7. Title: The title of the owner or authorized representative of the legal owner.
8. Prepared by: Print the name of the person completing the form.
9. Title: The title of the person completing this form.
10. Phone Number: Complete phone number of person completing this form.
11. Check One: The quarter that this report covers. Quarter 1: January, February, March; Quarter 2: April, May, June; Quarter 3: July, August, September; Quarter 4: October, November, and December.
12. Year: Enter the year for the reporting quarter.
13. Check: "Yes", if your system uses only chlorine for both primary and secondary disinfection; "No", if your system uses any other disinfectant for either primary or secondary disinfection. If a system answers 'No' to this question, the system is not eligible to check Alternative Compliance Criteria (iv).
14. Violations?: Check if there was a violation during the reporting quarter.
15. Criteria Used: Check the appropriate alternative compliance criteria that the system will be using for compliance during the most recent quarter and complete the appropriate columns as listed in ():
    - (i) The system's source water TOC level is less than 2.0 mg/L, calculated quarterly as a running annual average (Complete Columns A, B, & C):
    - (ii) The system's treated water TOC level is less than 2.0 mg/L, calculated quarterly as a running annual average (Complete Columns A, B, & C):
    - (iii) The system meets all 3 of the following criteria (Complete Columns A, B, C, F, & G):
        a. The system's source water TOC level is less than 4.0 mg/L, calculated quarterly as a running annual average.
        b. The system's source water alkalinity is greater than 60 mg/L (as $Ca\ Co_3$), calculated quarterly as a running annual average; and
        c. The system's TTHM and HAA5 running annual averages are no greater than 0.040 mg/L and 0.030 mg/L, respectively.
    - (iv) The TTHM and HAA5 running annual averages are no greater than 0.040mg/L and 0.030 mg/L, respectively, and the system uses only chlorine for primary

disinfection and maintenance of a residual in the distribution system (Complete Columns A, B, C, F & G):

(v) The system's source water SUVA, prior to any treatment and measured monthly is less than or equal to 2.0 L/mg-m, calculated quarterly as a running annual average (Complete Columns A, B, C & D):

(vi) The system's finished water SUVA, measured monthly is less than or equal to 2.0 L/mg-m, calculated quarterly as a running annual average (Complete Columns A, B, C, & E).

**Complete the appropriate reporting columns, as listed above, for each Alternative Compliance Criteria as follows:**

(**Note**: All systems must complete Columns A, B, and C, regardless of which Alternative Compliance Criteria they use to demonstrate compliance.)

16. Column A: Enter the value that represents the source water alkalinity in mg/L (as $CaCO_3$). If more than one monthly analysis is performed, report the average for the month consistent with the schedule provided in the system's monitoring plan. At the end of each three-month period, the quarterly average of the monthly values and the running annual average (RAA) will be calculated by the program. Because the quarterly average and RAA columns are protected, user will not be able to enter data.
17. Column B: Enter the value that represents the source water TOC in mg/L. If more than one monthly analysis is performed, report the average for the month consistent with the schedule provided in the system's monitoring plan. At the end of each three-month period, the quarterly average of the monthly values and the running annual average (RAA) will be calculated by the program. Because the quarterly average and RAA columns are protected, user will not be able to enter data.
18. Column C: Enter the value that represents the finished water TOC in mg/L. If more than one monthly analysis is performed, report the average for the month consistent with the schedule provided in the system's monitoring plan. At the end of each three-month period, the quarterly average of the monthly values and the running annual average (RAA) will be calculated by the program. Because the quarterly average and RAA columns are protected, user will not be able to enter data.
19. Column D: Enter the value that represents the source water SUVA (in L/mg-m). If more than one monthly analysis is performed, report the average for the month consistent with the schedule provided in the system's monitoring plan. At the end of each three-month period, the quarterly average of the monthly values and the running annual average (RAA) will be calculated by the program. Because the quarterly average and RAA columns are protected, user will not be able to enter data.
20. Column E: Enter the value that represents the finished water SUVA (in L/mg-m). If more than one monthly analysis is performed, report the average for the month consistent with the schedule provided in the system's monitoring plan. At the end of each three-month period, the quarterly average of the monthly values and the running annual average (RAA) will be calculated by the program. Because the quarterly average and RAA columns are protected, user will not be able to enter data.
21. Columns F& G: Enter in Columns F and G the value that represents distribution system TTHM and HAA5 concentrations respectively. If more than one monthly analysis is performed, report the average for the month consistent with the schedule provided in the system's monitoring plan. At the end of each three-month period, the quarterly average of the monthly values and the running annual average (RAA) will be calculated by the program. Because the quarterly average and RAA columns are protected, user will not be able to enter data.