

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 #4

Actual Removal Ratios for Enhanced Coagulation and Softening Treatment Plants

1. PWSID#: Enter the Public Water System (PWS) ID number assigned by U.S. EPA.
2. System Name: Enter the 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 ID 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 this form.
9. Preparer's Title: The title of the person completing this form.
10. Phone Number: Complete phone number of person preparing 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, December.
12. Year: Enter the year for the reporting quarter.
13. Violations?: If the Calculated Running Annual Average (RAA) of TOC Removal Ratio is less than 1.00, check box.

All Systems must complete Columns A, B, C, and D (see Column E).

14. Column A: Enter month and year for which the reporting month is associated.
15. Column B: Enter the measured value for the source water alkalinity in mg/L (as CaCO₃) for each paired sampling event.
16. Column C: Enter the measured value for the source water TOC in mg/L for each paired sampling event.
17. Column D: Enter the measured value for the treated water TOC in mg/L for each paired sampling event.
18. Column E: If your current RAA Compliance Removal Ratio is equal to or greater than 1.00, you do not need to enter SUVA data in this column. If, however, the RAA is less than 1.00 and SUVA data is available, it may be entered here. If your SUVA data is less than 2.01 L/mg-m, it MAY affect the RAA and bring your system into compliance via the Substitution Rule of Alternative Compliance Criteria.
19. Column F- H: Are protected by program and user will be unable to enter data. Based on entered data for Columns B- E, the program will calculate the actual % of TOC removed, TOC Removal Ratio, and Compliance Removal Ratio. As more data is entered into table, the program will continuously compile data to produce the Current RAA for your Compliance Removal Ratio.