

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

Manisha Juthani, MD
Commissioner



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Susan Bysiewicz
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Environmental Health and Drinking Water Branch

EHDW Circular Letter #2024-04

TO: Community and Non-Transient Non-Community Public Water Systems
Certified Drinking Water Operators

FROM: Lori Mathieu, Public Health Branch Chief, Environmental Health &
Drinking Water Branch *Lori J. Mathieu*
Cindy Sek, Supervising Environmental Engineer, Drinking Water Section

DATE: January 10, 2023

SUBJECT: **Important Reminder of Corrosion Control Treatment Residual Monitoring and Reporting Requirements**

This letter serves as a reminder of the importance of following your system's DPH Drinking Water Section Water Quality Monitoring and Compliance Schedule and operating and maintaining any approved corrosion control treatment system(s) to provide optimal corrosion control treatment. Public water systems are required to report treatment residuals to DPH on a monthly schedule. Further, treatment residuals must be maintained within the approved values or ranges. The relevant regulatory provisions are outlined below:¹

1. Pursuant to the Regulations of Connecticut State Agencies (RCSA) Section 19-13-B102(e)(7)(N), public water systems that artificially adjust the pH value and/or use phosphate or other corrosion control chemicals must monitor the treatment residuals at the listed specific frequency or as required by the Department, as reflected in the Water Quality Monitoring and Compliance Schedules posted on DPH's website at [Water Quality Monitoring Schedules \(ct.gov\)](https://www.ct.gov/dph/water-quality-monitoring-schedules).
2. Pursuant to RCSA Section 19-13-B102(e)(9), public water systems with optimal corrosion control treatment are required to monitor water quality parameters at each entry point and in the distribution system at specific locations and frequencies.

¹These regulations can be found at [eRegulations - Browse Regulations of Connecticut State Agencies](https://eregulations.ct.gov/eRegsPortal/Browse/RCSA).
<https://eregulations.ct.gov/eRegsPortal/Browse/RCSA>



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3. Pursuant to RCSA Sections 19-13-B102(j)(8)(E) and (F), public water systems are required to properly install and operate throughout the distribution system the optimal corrosion control treatment approved by the Department and to operate the treatment within the specific water quality parameter values listed in (F) or as otherwise approved by the Department.
4. Pursuant to RCSA Section 19-13-B102(h), the treatment residuals must be submitted to the Department by the 9th calendar day of the month following the month within which the samples were taken.
5. Please refer to your system's Water Quality Monitoring and Compliance Schedule posted on DPH's website at [Water Quality Monitoring Schedules \(ct.gov\)](https://www.ct.gov/dph/water-quality-monitoring-schedules) to see the treatment residual values or ranges for the specific water quality parameter(s) that your system is required to monitor for.
6. Violations occur when the information required as set forth above is not reported correctly or on time.
7. Please note that the [Treatment Effluent Monitoring and Reporting Form](#) for entry point pH monitoring results must be submitted monthly to Drinking.Water@ct.gov. Please name your file in the following format: PWSID_EntryPointFacilityID_Month_Year (i.e. CT0000011_00700_Oct_2023). Please note that for compliance, any phosphate results must be submitted via electronic data submission by a certified laboratory using an "as phosphate" measurement, for example, "orthophosphate as phosphate."

If you have any questions, please contact the Drinking Water Section at DWDCompliance@ct.gov.

C: Lisa Michelle Morrissey, Deputy Commissioner
Local Health Directors