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| --- |
| **Optimal WQPs for PWS [number]** |
|  | **pH Range** | **PO4 Dose (mg/L PO4)**  | **PO4 minimum concentration (mg/L PO4)**  |
| **EPTDS** | 7.2 - 7.8 | 3.0-3.5 | 2 |
| **Tap** | 7.2 - 7.8 | NA | 2 |

**Water Quality Parameter (WQP) Report Form – WY and Tribal Systems in EPA Region 8**

For public Drinking Water Systems that operate corrosion control:

PWS Name/ID \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Operator Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Operator Phone#: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Water systems treating for corrosion control need to report test results of the following WQP samples **at each entry point to the distribution system (EPTDS)** from locations representative of each source after treatment, at least once every 2 weeks (bi-weekly):

* pH
* When alkalinity is adjusted as part of the OCCT, a reading of the dosage rate of the chemical used to adjust alkalinity and the concentration of alkalinity;
* When an inhibitor is used, a reading of the dosage rate of the inhibitor used and the concentration of orthophosphate or silicate (whichever is used).

Also**, WQP tap samples (2 samples on different days at a number of taps based on population served)** must be taken during each six month monitoring period for pH, alkalinity, and the concentration of orthophosphate or silicate (whichever is used).

*The analytical methods used for these analyses must be conducted with the methods specified in §141.23(k)(1).*

**Report for the 6-month timeframe of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the year \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Sample Location (also indicate if EPTDS or tap) | pH | Alkalinity Dosage(mg/L) | Alkalinity Concentration(mg/L) | Orthophosphate or Silicate Dosage (mg/L/min) | Orthophosphate or Silicate Concentration (mg/L) | Comments |
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