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| --- |
| **Optimal WQPs**  |
|  | **pH Range** | **PO4 or SiO2 Dose (mg/L PO4 or SiO2)**  | **PO4 or SiO2 minimum concentration (mg/L PO4  or SiO2)**  |
| **EPTDS** |  |  |  |
| **Tap** |  |  |  |

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

For Public Water Systems (PWS) 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 phosphate or silica (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,
* Calcium (if calcium carbonate stabilization is used as part of corrosion control),
* Concentration of phosphate or silica (whichever is used)

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

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Sample Location (also indicate if TAP or EPTDS) | pH | If applicable, insert [Chemical used to adjust Alkalinity] Dosage(mg/L) | Alkalinity Concentration(mg/L) | Phosphate, or Silica Dosage (mg/L) | Phosphate, or Silica, Concentration (mg/L) | Comments |
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