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#: _____

Optimal WQPs for PWS [number]			
	pH Range	PO4 Dose (mg/L PO_4)	PO4 minimum concentration (mg/L PO_4)
EPTDS	7.2 - 7.8	3.0-3.5	2
Tap	7.2 - 7.8	NA	2

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 _____

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