



Illinois Environmental Protection Agency

2520 West Iles Avenue • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Optimal Corrosion Control Treatment (OCCT) Recommendation

Public Water Supply Systems required to submit an OCCT Recommendation to the Illinois EPA need to provide this form.

This form may be completed in Acrobat, a copy saved locally, and then printed before it is signed. You may also complete a printed copy normally. Submit the completed and signed form to EPA.LeadandCopper@illinois.gov.

System

System Number: _____ County: _____

System Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Contact Name: _____

Phone: _____

Email: _____

Number of People Served:

≤ 100 101 to 500 501 to 3,000 3,001 to 10,000 10,001 to 50,000 > 50,000

Existing OCCT

Specify below the blend and dose of the existing blended phosphate product, if any. (Example: 50/50 orthophosphate to polyphosphate blended product is added at an orthophosphate dose of 1 mg/L as PO₄).

Specify below the chemical name and dose of the existing orthophosphate product, if any. (Example: phosphoric acid is added at an orthophosphate dose of 0.5 mg/L as PO₄).

If the system currently maintains an orthophosphate residual of less than 1 mg/L as PO₄, then the orthophosphate residual must be increased to at least 1 mg/L as PO₄. If the system currently maintains an orthophosphate residual of at least 1 mg/L as PO₄, then the orthophosphate residual must be increased to at least 3 mg/L as PO₄. The amount of polyphosphate residual entering the distribution system cannot be increased without a corrosion control study.

OCCT Recommendation

The following OCCT is recommended:

- pH or Alkalinity Adjustment**
- Blended phosphate.** Specify Blend: _____ (orthophosphate to polyphosphate) Specify Orthophosphate Dose: _____ (mg/L as PO₄).
- Orthophosphate** (100% orthophosphate). Specify Chemical Name: _____ Specify Dose: _____ (mg/L as PO₄).
- Silicates**
- No Treatment** (Attach Justification. Only acceptable for high sample results due to improper sampling techniques.)

Signature of Owner, Official Custodian, or Authorized Agent

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Printed Name

Title

Signature

Date