EPA

Impacts of Dissimilar Coatings

- Sorption/entrainment of Cu or Pb
- Continues exposure after LSLs removed
- Degrades performance of phosphate inhibitors
- Prone to particulate Pb/Cu release
- Must understand treatment change impacts on coatings, as well as Pb and Cu
- Cannot predict optimization or effectiveness of phosphate addition from theory, *but can pilot test with exhumed pipes*
- Cannot form pure stable PbO_2 layer
- To control lead release, you must control Fe corrosion/deposition, finished water Mn, DBP precursors, coagulant carry-over, etc.