

**Lead Mapping
Culpepper Area Water System
Fayette County, Ohio
February, 2017**

The Culpepper Area Water System, originally constructed in the early 1970's, serves 90 single family homes in the Leslie Trace Subdivision. The system currently serves all of the lots in the original subdivision and was never expanded to serve anything beyond it. The original 4" water lines are PVC and are all currently still in place.

The county is planning on replacing all the public mains in the system in 2017 with 6" and 8" PVC C900 waterline. The service area will be expanded at that time. We feel that there is little propensity for the current public system to contain lead and after the project there will be no possibility of lead from the public system.

The homes in the original subdivision were all built in the 1970's. It is suspected that the service lines and the plumbing within the homes could contain lead. The service lines from the main to the house are predominantly either copper or plastic. The plumbing inside the houses are likely a combination of numerous materials, varying from original construction materials to repair materials from over the last 40 years. It is unknown which homes contain fixtures, plumbing or solder that contain lead, but it is assumed that there is a high probability that any or all of them could.