



BOARD OF COUNTY COMMISSIONERS
EDWIN H. HUMPHREY • DAVID H. UIBLE • DAVID L. PAINTER

WATER RESOURCES DEPARTMENT

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OHIO EPA

FEB 27 2017

Southwest District

February 22, 2017

Gina Hayes
Ohio Environmental Protection Agency
Division of Drinking and Ground Waters
Southwest District Office
401 East Fifth Street
Dayton, Ohio 45402

Subject: Ohio House Bill 512; Lead Service Line and Fixture Mapping Project

Dear Ms. Hayes,

In accordance with Ohio HB 512 and Ohio EPA's letter dated January 17, 2017, the Clermont County Water Resources Department (CCWRD) has completed the Lead Service Line and Fixture Mapping Project for the CCWRD water service area. Enclosed are the following:

1. DVD with a Possible Lead Service Area Map in pdf format. Please note, the entire CCWRD service area is shown as having no known lead service lines on both the public and private side of the water meter.
2. Verification form for Community Public Water Systems Claiming No Lead Service Lines.
3. Copies of selected pages from the original 1955 Rules and Regulations of the Clermont County Water Department. Clermont County Water Department Regulations have never permitted the use of lead for water service material. The regulations permitted the use of galvanized steel pipe or copper tubing, with copper tubing being the preferred material.
4. A narrative description of buildings served by the CCWRD water system that are likely to contain lead solder, plumbing or fixtures.
5. A list of sampling locations that are Tier I sites used to collect samples (SMP ID Sheet), as required by rules adopted under ORC Section 6109.121, including contact information for the owner and occupant of each sampling site.

A copy of the map has also been sent to the Ohio Department of Health (ODH) via email to BEH@odh.ohio.gov and to the Ohio Department of Job and Family Services (ODJFS) Office of Family Assistance-Bureau of Child Care Licensing and Monitoring, P.O. Box 183204, Columbus, Ohio 43218-3204.

If there are any questions or you need additional information, please let me know. I can be reached at 513-732-8860 or lbloom@clermontcountyohio.gov

Sincerely,

Lyle G. Bloom, P.E.
Director of Utilities

Cc: Mark Day
Steve Knipp

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**VERIFICATION FORM FOR COMMUNITY PUBLIC WATER SYSTEMS
CLAIMING NO LEAD SERVICE LINES**

Southwest District

The owner or operator of all community public water systems must identify and map areas of their distribution system that are known or are likely to contain lead service lines. Systems must submit a copy of the applicable map to the Ohio Department of Health and the Ohio Department of Job and Family Services. Systems must also submit a report to the director containing at least both of the following: (1) The applicable map with narrative, and (2) A list of sampling locations used to collect samples as required by Ohio Revised Code (ORC) Section 6109.121 and any rules adopted thereunder, including contact information for the owner and occupant of each sampling site.

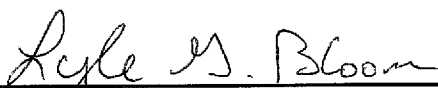
Should a water system determine no lead service lines exist in their distribution system, they must provide information stating they reviewed, at the minimum, historical permit records and local ordinances, distribution maintenance records and information pertaining to installation dates or materials for all services lines. This information must be verified below.

I HEREBY CERTIFY THAT THE FOLLOWING METHOD(S) WERE USED TO DETERMINE NO LEAD SERVICE LINES EXIST IN THIS WATER SYSTEM'S DISTRIBUTION SYSTEM, AS REQUIRED BY ORC 6109.121(F):

LEAD SERVICE LINE VERIFICATION

This PWS states they have no lead service lines and has reviewed the following information (select one or more of the following):

- ☒ Historical permit records and/or local ordinances
- ☐ Distribution maintenance records (i.e. meter replacement, waterline break repairs)
- ☐ Information pertaining to installation dates for all service lines (i.e. after 1986 when lead services lines were banned)
- ☒ Service line material of all service lines is known (i.e. all service lines are known to be PVC)



02-22-17

Signature of Responsible Person

Date

Lyle G. Bloom, Director of Utilities

Printed Name and Title of Responsible Person

PWS NAME: Clermont PWS

PWS ID: OH1302212

COUNTY: Clermont

For Ohio EPA use only:

Date Verification Rec'd: _____

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Southwest District

Clermont County, Ohio
Water Department
Operating Code
Rules and Regulations

PIERCE-UNION-BATAVIA SUB-DISTRICT

Adopted January 10, 1955 and Amended by Resolution
Dated January 25, 1955

by

THE CLERMONT COUNTY COMMISSIONERS

Ernest H. Ruffner, President

Fred J. Croswell

Charles F. Clark

Carl H. Rush

County Sanitary Engineer

Earle B. Kincaid

Sec'y. Board of Commissioners

Alfred LeFeber and Associates

CONSULTING ENGINEERS

Cincinnati 6, Ohio

Plan 3 — Construction by County: The County Water Department will construct or extend water mains to serve additional streets or areas in the event additional revenue bonds can be issued under and in full compliance with the terms of the bond resolution and trust agreement, or in the event of the accrual of sufficient surplus funds in the extension and improvement from the operation of the water system to pay the cost of the extensions requested, but in no case will any extension be made unless or until the County has received signed applications and deposits as set forth herein from not less than forty (40) water users or owners per mile of water main to be constructed.

Plan 4 — Alternative Plans: The owners of properties to be benefitted by any extension or improvements to their property by the construction of water mains may employ other means, such as those provided in law under the County Sewer District Law or any other plan which may be mutually agreed upon between such owners and the Board of County Commissioners.

Some of these plans, of course, provide for the assessment of the cost against benefitted properties and the final determination of the employment of such deviating plans shall rest with the Board of County Commissioners.

DIVISION B — SERVICE BRANCHES

Section 1. Any property owner or prospective water user desiring water service and the installation of a service branch into the premises shall apply to the County Sanitary Engineer for a permit for water service and for the installation of a service branch or to use a service branch already installed. The owner or water user shall, in signing the application, agree to be bound by all of the provisions of this Operating Code and as it may be amended from time to time and by the various requirements promulgated by the County Sanitary Engineer and all other lawful rules of the Department of Waterworks. A payment of Five (\$5.00) Dollars shall accompany the application for a permit for water service.

Section 2. No service branch shall be installed to serve property which does not abut the street or road on which the service main is located except with authority of the County Sanitary Engineer. Every building wherein water is used shall have a separate service branch and meter provided, however, that any variation in this respect may be authorized by the County Sanitary Engineer and the Board of County Commissioners if it is shown that such variance will not be harmful to the waterworks system in the present or in the future. In authorizing such variance, such conditions as may be necessary and proper may be attached.

Section 3. When a service branch is installed so much of the branch as is in the highway shall be installed by the County but shall be paid by the property owner at the time application is made for a permit for water service and a service branch. Said payment to be the actual cost of the installation, plus 10%, but not less than \$100.00, including the cost of the water meter. Except in cases where service branches are installed for vacant property in connection with highway improvements, applications for service branch installations shall be accompanied by applications for water service. Only needed water service branches shall be permitted.

That portion of the service branch from the property line to the building shall be constructed by the Owner in accordance with these rules and regulations. Such service branches shall be left uncovered until inspected and approved by the County Sanitary Engineer. Service branches may be constructed of galvanized steel pipe or copper tubing. Copper tubing is the preferred material.

Branches installed for fire protection shall be subject to special requirements set forth herein and approved by the County Sanitary Engineer. Applications for water service shall be made by the owner of the premises to be supplied or by his authorized agent.

Water will be turned on only by an authorized employee of

providing private fire protection can be made but only under special conditions which will be drawn in a form of a special contract between the Board of County Commissioners and with the endorsement of the County Sanitary Engineer.

Section 13. Due to limited financial conditions, the Water Department will doubtless be unable to undertake extensions for some time. Pending the accrual of adequate finances by the Department, all extensions will doubtless be undertaken by the owners themselves and in accordance with the provisions of the Operating Code. It is, of course, extremely difficult in the development of this Code to lay down hard and fast rules from which no deviation can be made, but in such cases where the Department finances are adequate or where sufficient funds can be generated either through assessment or by the issuance of additional revenue bonds and the number of new consumers are adequate or where new subdivisions or owners will guarantee that the various items of expense, doubtless variations and deviations from the Code can be made to the benefit of the public provided, of course, that all and any such deviations must be approved by the County Sanitary Engineer and the Board of County Commissioners.

DIVISION C — ENGINEERING AND PLUMBING REQUIREMENTS

Section 1. General: The size of branch from the main to the meter shall be not less than the following: 1 family home $\frac{3}{4}$ " ; 2 family home 1" ; 4 family home 1- $\frac{1}{2}$ " ; sizes for other installations shall be determined upon application.

The exact location of the proposed installation of the water service branch shall be given on the application form, and a stake, furnished by the Waterworks at the time of application, shall be driven at the property line on the premises to be supplied, at the desired location. Failure to place this stake shall be sufficient cause for withholding branch installation.

All service branches shall be installed at least three (3') feet deep from the main to the building to be supplied, to prevent freezing.

All service branches smaller than 2" shall be of galvanized steel pipe or copper tubing; copper tubing is the preferred material.

All service branches larger than 2-inches shall be of galvanized steel pipe, cement asbestos pipe, copper pipe or cast iron pipe.

On all branches 4-inches and larger, fittings shall be of cast iron. Suitable fittings shall be used, where required, on service branch lines smaller than 4-inches.

Section 2. Inspection, Installation by Plumber: All service branches from the main to the meter shall be inspected by an authorized waterworks inspector. This inspection is to be done with the water pressure on the service pipe before backfilling the trench. Failure on the part of the applicant in having this inspection performed shall be sufficient cause for withholding service.

Only master plumbers will be permitted to install service pipe from the property line of the highway to the meter where the meter is permitted in basement of building.

Immediately upon completion of a building the meter may be set by a master plumber and the water shut-off at the curb cock and shall not again be turned on until the regular application for service has been made.

Section 3. Special Approval Needed: No application for a service branch larger than 2-inches in diameter, or for an additional service branch, shall be granted without the special approval of the Superintendent.

Section 4. Notice of Leaks, etc.: Notices of leaks and necessary repairs or replacements to be made will be left on the premises affected.

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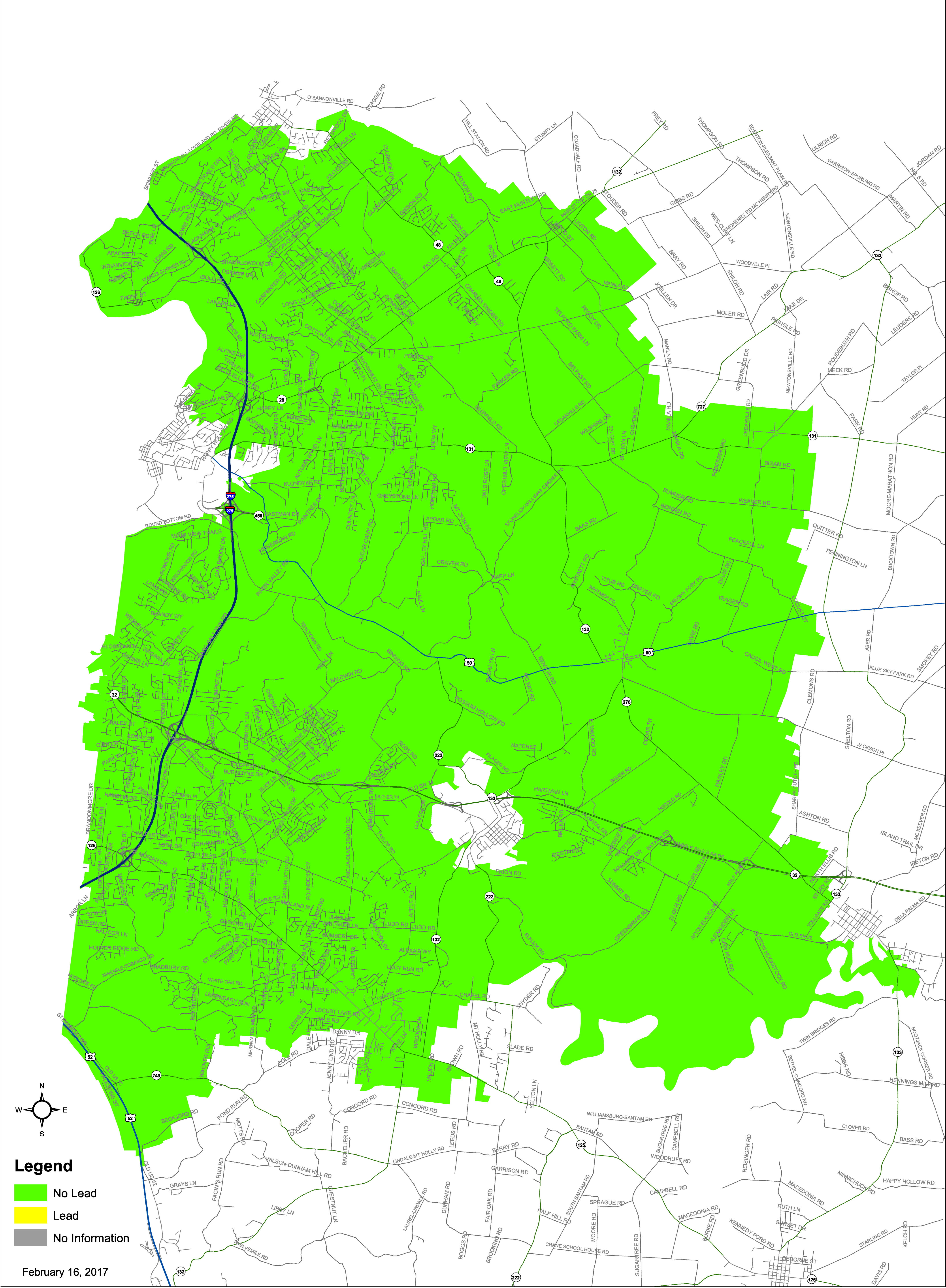
Description of buildings likely to contain leaded solder, plumbing or fixtures:

Southwest District

Buildings built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than materials manufactured after 1998. In addition, buildings built and plumbing materials manufactured after 2014 were required to have less than 0.25% lead by weight and have the lowest risk for contributing lead to the drinking water. It should be noted however that, although prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.

Clermont County Service Area

Possible Lead Areas



In accordance with historical and current regulations, the Clermont County Water Resources Department has never permitted the use of lead piping for water service lines on either the public or private side of the water meter in its service area. Although these regulations have existed since 1955, when the department started supplying water service, the Clermont County Water Resources Department cannot guarantee that lead piping was not used, particularly on the Customer's side of the water meter, without the knowledge or consent of the Water Resources Department.