

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

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) *95% PVC 5% DUCTILE*


Signature of Responsible Person Date *MAR 3 2017*
DAVE GREEN OPERATOR OF RECORD
Printed Name and Title of Responsible Person

BETHESDA PUBLIC
PWS NAME: *WATER SYSTEM*
PWS ID: *OH 0700511*
COUNTY: *BELMONT*

For Ohio EPA use only:

Date Verification Rec'd: _____



Village of Bethesda

Public Water System Lead (Pb) Components

PWSID# OH0700511
Prepared February 2017

To comply with Section 6109.21 of the Ohio Revised Code, enacted in September 2016, the Village of Bethesda in Belmont County, Ohio has created the following report and attached map to identify known and potential components of water service lines that contain lead (Pb).

The following information and attached map do not verify the presence of lead in any of the plumbing components or structures shown. The information and map only show the probable or possible locations based on the year that structures were built, or by the year that the plumbing component was installed.

RCAP staff and the Village of Bethesda Water Department met on February 7th, 2016 to review a map of the service area. Applicable historical as-builts were available to identify possible lead component locations.

Public and Private Ownership of Service Lines

The Village of Bethesda Water Department distributes water to 780 parcels. The Village owns and maintains service lines from the water distribution mains up to the curb stops for each water customer. The remainder of each service line from the curb stop to the building is the responsibility of the property owner. In 2013-2014 Bethesda replaced all water meters and service lines. Plastic was used on the public side, copper was used on the private side.

The tables below provide information about the possibility of lead service lines and use of leaded plumbing materials to the customers Bethesda serves. The year the lines were installed determines which category it falls into.

Public Service Line Lead Probability		
Possibility of Lead	Public Lines #	% of System
Lead	0	0%
Non-Lead (Plastic)	780	100%

Private Service Line Lead Probability		
Possibility of Lead	Private #	% of System
Lead	0	0%
Non-Lead (Copper)	780	100%

Distribution System

Within the distribution system, none of the pipes themselves are known to contain any lead, however, there are joints, valves, and fittings within the system that may contain lead. The majority of main lines in the distribution system were replaced in 2013-2014.

The Village of Bethesda has approximately 12.62 miles of water main lines. The table below shows which lines may or may not have solder, valves, or fittings that contain lead.

Probability of Lead Solder and Fittings in Water Main		
Lead in Water Main Materials	Feet of Pipe	% of System
Lead Probable (Ductile Iron installed 1940s)	10388	15.58%
Lead Improbable (Plastic installed 2013-2014)	56285	84.42%

Indoor Plumbing

Buildings in Ohio 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.

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.

According to the latest county auditor data, Bethesda only has 2 structures built since 2014. Therefore, nearly all buildings in the village may have some lead in the solder or fixtures.

Customer Self-Reporting

The information on this map regarding privately owned service lines is based on the limited information from the water system staff and Belmont County building and parcel data. Property owners are encouraged to inspect their own service lines entering the building if these are in anyway exposed, and notify the Village of Bethesda Water Department if they have determined whether or not a lead service line exists. Please contact the Water Billing Clerk by calling (740)-484-1566 or sending an email to villageofbethesda@gmail.com. A representative from the water department will contact you to confirm and update this information for the next map release.

EPA Test Sites

The table below lists the locations used for OEPA lead and copper sampling. The Map ID column is used to identify testing sites in the OEPA Test Site Map that follows this report.

SMP ID	Tier Site	Street Address	Map ID
LC206	3	40085 ST. RT. 147	1
LC201	3	304 VIRIGINA ST.	2
LC209	3	124 CHESTNUT ST.	3
LC207	3	313 SECOND ST.	4
LC205	3	102 OAK ST.	5
LC208	3	308 SOUTH MAIN ST.	6
LC203	3	328 FRONT ST.	7
LC202	3	316 JUDSON ST.	8
LC204	3	109 SPRUCE ST.	9
LC210	3	429 SOUTH MAIN ST.	10

Contacts and Resources

If you have questions about known and potential lead components within the Village of Bethesda Public Water System, please contact:

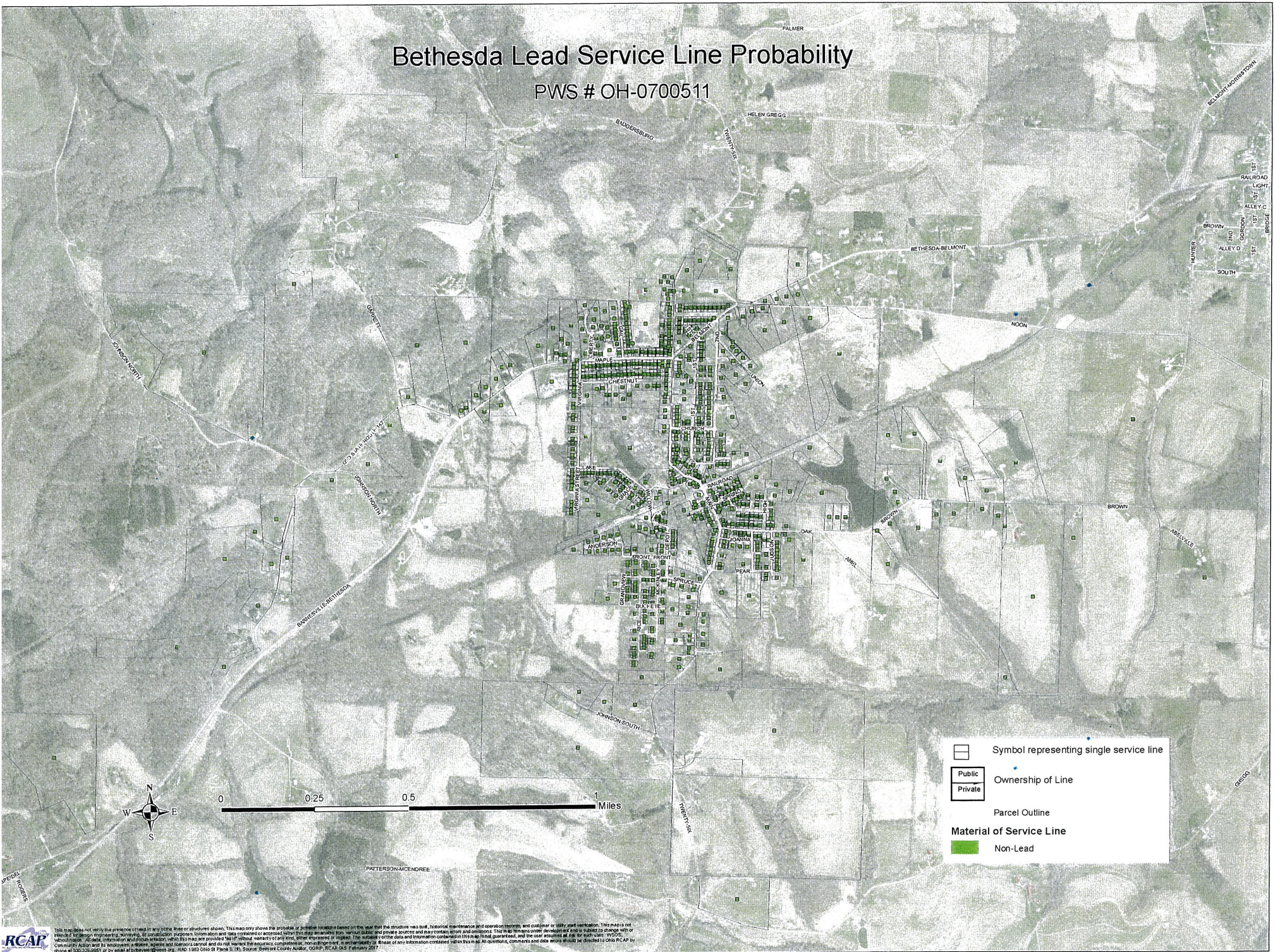
Water Department
112 S Main St,
Bethesda, OH 43719
(740)-484-1566

For more information about lead service lines and their removal, we recommend the following resources:

- **The Lead Service Line Replacement Collaborative**
<http://www.lslr-collaborative.org/resources-for-concerned-consumers.html>
- **Ohio EPA 'Learn About Lead' page** <http://epa.ohio.gov/pic/lead.aspx>
- **US EPA Lead in Drinking Water Information Page**
<https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>

Bethesda Lead Service Line Probability

PWS # OH-0700511



This document does not verify the presence of any in, on, under or otherwise above, this map or upon the probable or possible location thereof, for the year that the structure was built, its historical maintenance and/or operation methods, and customer or utility verification. This map is not a design engineering, planning, or construction product. Information and data contained or accessed within this map emanates from various public and private sources and may contain errors and omissions. This map remains our development and is subject to change with or without notice. All data, information and communication within this map are provided "as is" without warranty of any kind, either expressed or implied. The suitability of the information for any purpose is the responsibility of the user. No portion of this map or any information contained herein may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the copyright owner. All rights reserved. © 2015 CNA/RCAAP Community Action and its subsidiaries, a wholly owned subsidiary of CNA Financial Corporation. NA01 090 Q040 010 Plate 1 (R) Source: Vermont County Auditor, GORP, RCAP/ESA February 2017

Bethesda OEPA Lead and Copper Test Sites

PWS # OH-0700511



Parcel Outline
★ OEPA Tier 3 Test Site
Water Mains
— Ductile Iron (1940s)
— C900 Plastic (2014)