VILLAGE OF PLEASANTVILLE

PWS #2301712
Fairfield County, Ohio

In June 2016, House Bill (HB) 512 was passed to enact section 6109.121 of the Ohio Revised Code to create requirements governing lead and copper testing for community and non-transient non-community public water systems and to revise law governing lead contamination from plumbing and fixtures. The new law also requires community water systems to identify and map areas of their distribution systems that are known or likely to contain lead service lines. The community water systems must also identify and provide a description of the characteristics of buildings served by the system that may contain lead solder, fixtures or pipes.

In accordance with HB 512, the Village of Pleasantville, PWS #2301712, worked with their engineering consultant to produce a water distribution map that identifies service line materials for each service, if known. The map also includes lead and copper sample site locations. Service line material information was gathered from the village administrator and the operator of record to the extent known. A vast majority of the village's water mains have been replaced since 1989 and consist of polyvinyl chloride (PVC) and high density polyethylene (HDPE) pipe. Service line material on the public (village) side up to the curb valve is roll copper[1] or polyethylene (PE). The service line materials on the private (customer) side are mostly unknown throughout the village. Due to the short timeframe between final EPA guidance being issued and the deadline for submission of the map, verification of all service line materials was not possible.

EPA guidance provides the following: Based on amendments to the Safe Drinking Water Act (SDWA) and Ohio Plumbing Code, the age of a building or the age of a re-plumbing are indicators of the plumbing materials. **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. 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 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.**

With that guidance in mind, it is likely that plumbing materials on the private (customer) side, contain components that exceed the 8% lead and are at a higher risk. Most of the buildings within the village's water system were constructed before the 1998 Ohio Plumbing Code amendment.

[1]Roll copper which is often referred to as "K" copper. This material is connected by flaring the ends and utilizing a compression style fitting. No solder is used in the process of connecting roll copper.

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)

Robert Pangborn 3-1-17

Signature of Responsible Person Date

Robert Pangborn Water Plant Oper

Printed Name and Title of Responsible Person

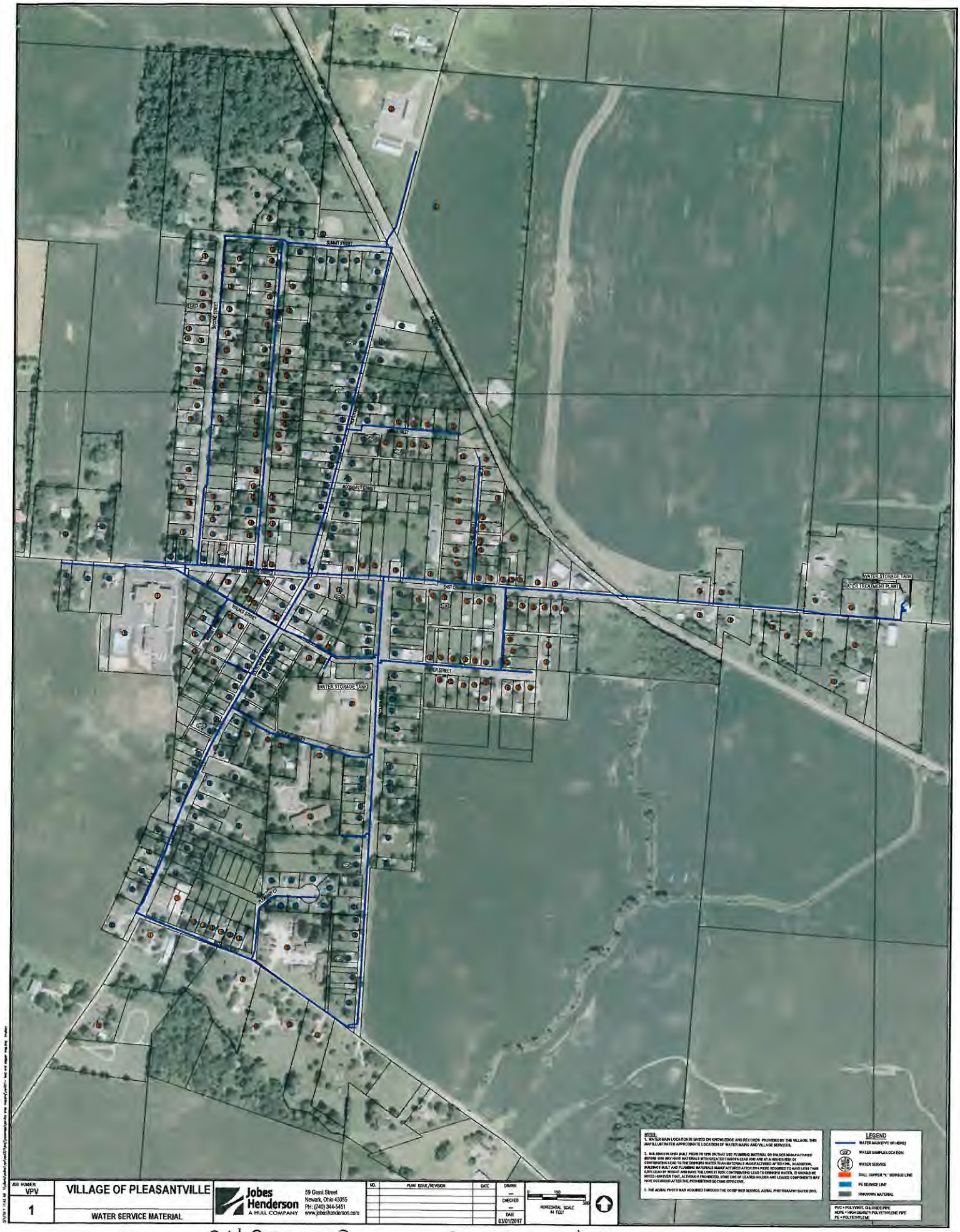
PWS NAME: Village of Pleasantville

PWS ID: OH 2301712

COUNTY: Fairfield

For Ohio EPA use only:

Date Verification Rec'd: _____



OH2301712 RCVD 3/1/2017