

RE: PIONEER VILLAGE
Report
Drinking Water Program
Williams County
PWS ID: OH8601312

Bell Engineering Limited, Inc.

05691 State Route 15
P.O. Box 565
Bryan, OH 43506
Voice: 419-636-2585
Fax: 419-636-8434

TO:

Ohio EPA - Northwest District Office
Division of Drinking and Ground Waters
347 N. Dunbridge Road
Bowling Green, OH 43402

Letter of Transmittal

DATE: 03/07/2017 JOB NO: 17-014

ATTENTION: Division of Drinking and Ground Waters

RE:

Village of Pioneer, OH - Lead Mapping

WE ARE SENDING YOU:

☒ Attached☐ Under separate cover via _____ the following:☐ Shop Drawings☐ Change Order☐ Specifications☐ Copy of Letter☐ Plans☐ Other☒ Prints☐ Samples☐ Prints Returned After Loan to Us**RECEIVED**

MAR 08 2017

OHIO E.P.A.
N.W.D.O.

Copies	Date	Description
1	03/07/17	Lead Reporting Map for the Village of Pioneer
1	03/07/17	Lead Reporting Engineer's Report
1	03/07/17	Lead and Copper Monitoring Point Spreadsheet

- ☐ For Approval
☐ For Your Use
☒ As Requested
☐ For Review & Comment

This message is intended for use by the individual to whom it is addressed and may contain confidential and/or privileged information. If you are not the intended recipient, be advised that any dissemination or copying is not permitted.

COPY TO:

SIGNED: Kendra S. Snyder, P.E.



**Bell
Engineering
United Inc.**

March 7, 2017

Ohio EPA
Northwest District Office
347 N. Dunbridge Rd.
Bowling Green, OH 43402

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OHIO E.P.A.
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Re: Lead Mapping In Distribution Systems
Village of Pioneer
PWS ID OH8601312

To Whom It May Concern:

Enclosed find a copy of the village water line distribution map containing the information requested in DDAGW, PWS-04-001, PWS - Guidance Final - 01/06/2017.

This map was prepared from a list provided by the Village of Pioneer that contained names and addresses of the existing water services that are currently being billed for water provided by the Village of Pioneer.

The water services include single family residences, multi-family residences, businesses, factories, churches and restaurants.

Based on the guidance document cited above, the Williams County Auditor's records were reviewed for each of the services listed by the village. These records indicate the year built for each structure. Based on the year built, the determination was made whether there was a potential for lead in the service line, plumbing fixtures or plumbing piping. The guidance document gave the following as a basis for making this determination:

"Because it is practically impossible to determine the lead content of an installed fixture, fitting or pipe, it should be assumed that the manufacture or installation date is the primary indicator of the lead content. Therefore, the characteristics of buildings and piping solder or fixtures would be 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."

The buildings that were determined by county records to be constructed before 1998 are shown in yellow, indicating that a potential exists that these structures could have services, plumbing fixtures or plumbing piping that could contain lead.

Structures and services that do have the potential to contain lead are colored in yellow.

Structures and service that were constructed after 1998 are colored in green.

The address for each structure is listed in the color coded polygon that represents the structure.

The original water distribution system was constructed in the first half of the 1900's. These pipes were made of ductile iron material with gasketed joints. This has been confirmed throughout the years as repairs have been completed by village maintenance employees.

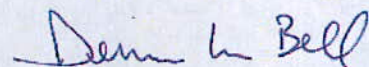
The village has replaced many of the original ductile iron pipes with polyvinyl chloride pipe, and record plans exist that were used to verify these locations.

No evidence has been discovered during the research for this report that would indicate that the village distribution system would contain lead materials.

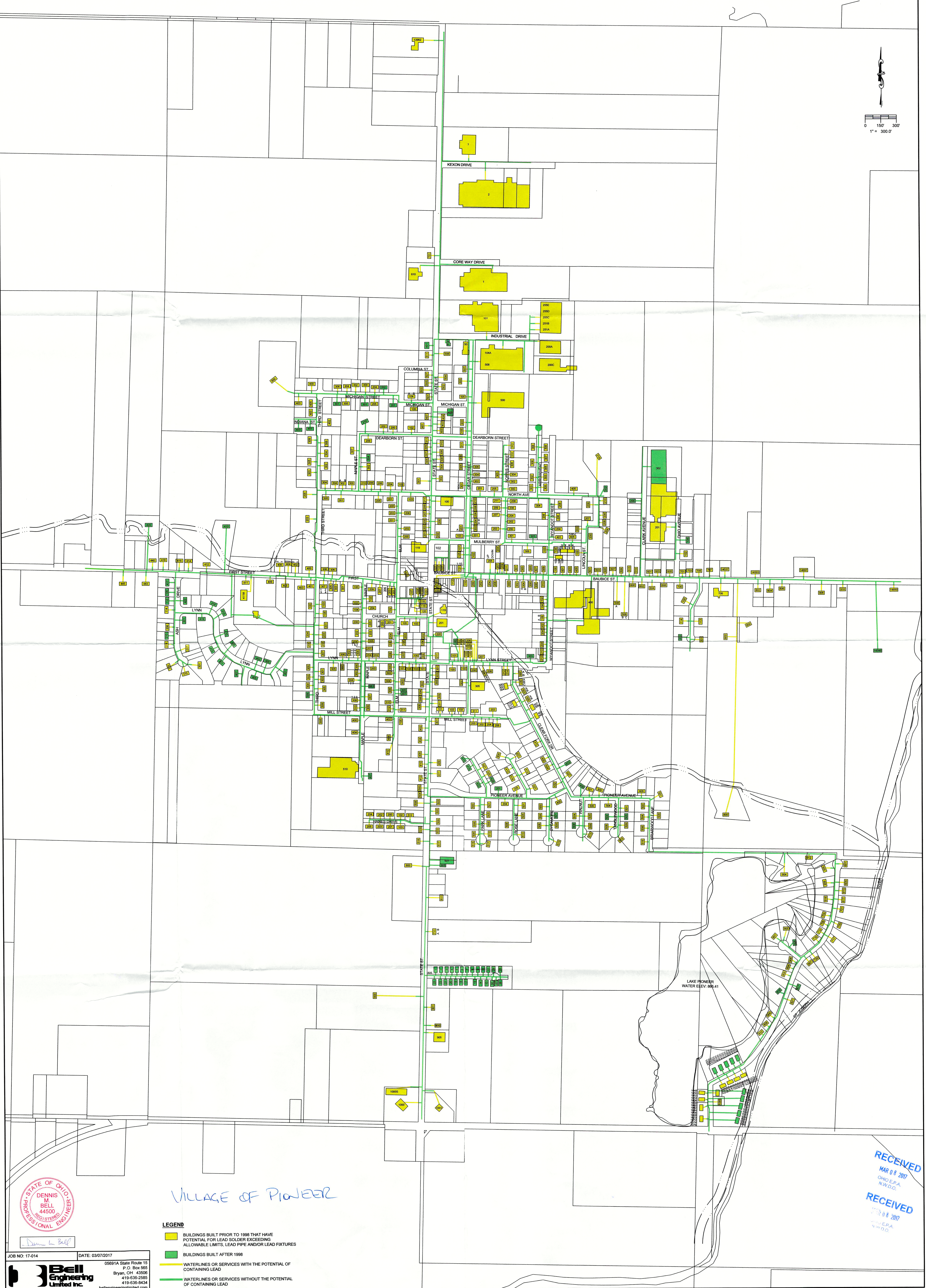
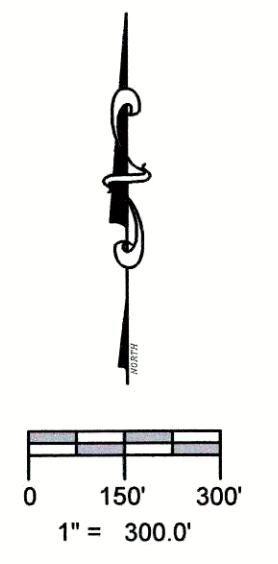
A Lead and Copper Sample Monitoring Point Spreadsheet has also been included with this report, as well as being emailed to michael.deal@epa.ohio.gov.

Contact myself, or Al Fiser, Village Administrator, 419-737-2614 with any questions regarding this information.

Respectfully,

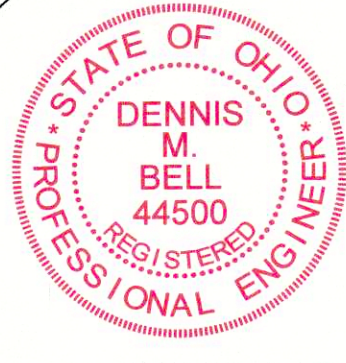
A handwritten signature in blue ink that reads "Dennis M. Bell". The signature is fluid and cursive, with the first name "Dennis" and last name "Bell" clearly legible.

Dennis M. Bell, P.E., P.S.



VILLAGE OF PIONEER

- LEGEND**
- BUILDINGS BUILT PRIOR TO 1998 THAT HAVE POTENTIAL FOR LEAD SOLDER EXCEEDING ALLOWABLE LIMITS, LEAD PIPE AND/OR LEAD FIXTURES
 - BUILDINGS BUILT AFTER 1998
 - WATERLINES OR SERVICES WITH THE POTENTIAL OF CONTAINING LEAD
 - WATERLINES OR SERVICES WITHOUT THE POTENTIAL OF CONTAINING LEAD



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