



GEAUGA COUNTY BOARD OF COMMISSIONERS

Walter M. Claypool Timothy C. Lennon Ralph Spidalieri

DEPARTMENT OF WATER RESOURCES • Gerard Morgan, P.E., J.D., Director
470 Center Street • Building 3 • Chardon, Ohio 44024-1068

March 6, 2017

SENT VIA US MAIL

Ohio EPA, Northeast District Office
2110 E. Aurora Road
Twinsburg, Ohio 44087

Attn: Patricia Vanah

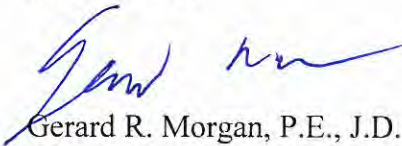
Re: Services Center Water System Lead Mapping

Dear Ms. Vanah;

Per the requirements for Public Water Systems, please find enclosed the submission for the Services Center Water System (PWS ID:OH2868112). This submission includes the Narrative, Map, sampling point detail and the verification of no lead services.

If you have any questions or require additional information, please call.

Respectfully,



Gerard R. Morgan, P.E., J.D.
Director / Sanitary Engineer

Encl: Services Center Water Narrative
Services Center Water Service Area Map
Services Center Sampling Point Spreadsheet
Services Center verification of no lead service lines

Y:\Water\Service Area Maps for EPA 2017\Submittal\Transmittal of Services Center 03-06-17.doc

Entity: Geauga County Service Center
Doc Type: Report
Doc Subtype: _____
Program: _____
County: _____
Secondary ID: OH 2868112



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GEAUGA COUNTY-SERVICES CENTER (PWS ID:OH2868112) NARRATIVE DESCRIPTION

The Geauga County Services Center water system services fifteen (15) customers. Fourteen (14) of the customers are County government buildings and the remaining building is a church.

The water system was installed around 1993 initially to provide fire protection for the County buildings in the area. In early 2000 the water system was upgraded to provide public water to the government buildings. Water services were first connected in 2001.

All the water line in the Services Center water system are Ductile Iron Pipe.

All water services when installed were inspected by Geauga County Water Resources personnel. The County's standard for water services is and always has been copper pipe. As stated above all service lines were installed in or after 2001 when lead service lines were prohibited. The combination of the County standard of copper pipe, County inspections of service lines and time frame of service line installations permit us to say that all known water service connections are not lead. The signed verification form is included with this report.

The County Services Center Water System has ten (10) sample locations, all of which are Tier 2 locations. The locations and property information are included in the enclosed sample sites spreadsheet previously submitted to the Ohio EPA.

As mentioned above the buildings being serviced by the water system were in existence prior to the water line being constructed. Additionally most of these buildings were constructed before 1998. Some of these buildings have been remodeled over time, however given the age of the existing buildings in this area it can be assumed that the buildings have fixtures containing some amounts of lead.

Attachments: Verification form for community public water systems claiming no lead service lines
 Lead and Copper sample site spreadsheet
 Water System Map

Y:\Water\Service Area Maps for EPA 2017\Narratives\Services Center Water Narrative 2017.doc

**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 | |
|--|--|
| <p>This PWS states they have no lead service lines and has reviewed the following information (select one or more of the following):</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Historical permit records and/or local ordinances <input checked="" type="checkbox"/> Distribution maintenance records (i.e. meter replacement, waterline break repairs) <input checked="" type="checkbox"/> Information pertaining to installation dates for all service lines (i.e. after 1986 when lead services lines were banned) <input type="checkbox"/> Service line material of all service lines is known (i.e. all service lines are known to be PVC) | |

Gerard R Morgan 3/2/17
 Signature of Responsible Person Date
Gerard R. Morgan, Director / SAN. ENG.
 Printed Name and Title of Responsible Person

PWS NAME: SERVICES CENTER
 PWS ID: OH 2868112
 COUNTY: GEAVLA

| |
|---|
| For Ohio EPA use only: Date Verification Rec'd: _____ |
|---|



Legend

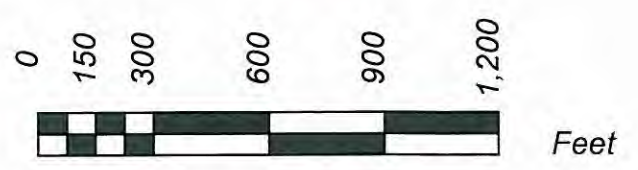
-  Water Lines
-  Water Service Area-Buildings built after 1998
-  Water Service Area-Buildings built before 1998
-  Building Footprints (2013)

Lead and Copper Sampling Locations

| SMP ID | TIER | ADDRESS |
|--------|------|-----------------------|
| LC201 | 2 | 13211 Aquilla Road |
| LC202 | 2 | 13211-A Aquilla Road |
| LC203 | 2 | 12741 Ravenwood Drive |
| LC204 | 2 | 12555 Ravenwood Drive |
| LC205 | 2 | 13000 Aquilla Road |
| LC206 | 2 | 12555 Merritt Road |
| LC207 | 2 | 12518 Merritt Road |
| LC208 | 2 | 12518 Merritt Road |
| LC209 | 2 | 12550 Merritt Road |
| LC210 | 2 | 12480 Ravenwood Drive |

All Geauga County-Services Center (PWS ID:OH2868112) water lines were constructed after 1993.
 A review of the water meter permits found the earliest water service connections to have occurred in 2001.
 All service lines for water were new when installed and were taken in to the building.
 All known service lines were installed under the inspection of Geauga County Department of Water Resources personnel.
 All service lines are type K copper. No known lead service lines are in use in the Geauga-Services Center Water System.

All the buildings connected to the Geauga County-Services Center water system were constructed before the water line was installed.



GEAUGA COUNTY-SERVICES CENTER (PWS ID:OH2868112)
WATER SERVICE AREA