



LEAD:

NON-LEAD:

NO INFORMATION:

Lead Service Line and Fixture
Mapping Project
For Mount Saint John

System Name: Mount Saint John
Nontransient Noncommunity PWS
PWS ID: OH2900112
Address: 4435 E. Patterson Rd.
Beavercreek, Ohio 45430

County: Greene
Person responsible for system: Jeffrey Sullivan
Cell Phone: (937) 304-9226
Office phone: (937) 320-5402

General Description of System: The property has two wells which feed a reservoir on the top of a hill behind Bergamo Center. We only use one pump at a time, the other is a backup. The distribution system which feeds the property from the reservoir is gravity feed. All of the lines feeding the property are other materials other than lead. We do not have any lead service lines on the property.

Marianist Mission: LC201

Building: A

Service Line: Plastic

Year built: 1961 (original), 1997 (remodeled), and 2014 (remodeled)

Description of building: The building consists of two floors. The building houses our development offices including our fund raising efforts. The building is used from 7:00am – 6:00pm Monday – Friday.

The interior plumbing is all copper piping with new fixtures in the 1997 and 2014 renovations.

Novitiate: LC202

Building: B

Service Line: Plastic

Year Built: 2015

Description of building: The building is the residence of those men who are studying to become religious (Roman Catholic) in the Society of Mary (Marianists).

The building consists of two floors and is occupied by these men 7 days a week and 24 hours a day.

The interior plumbing is all copper piping with all new fixtures.

Meyer Hall: LC203

Building: C

Service Line: Galvanized

Year Built: 1920

Description of building: The building is the residence of a community of religious Roman Catholic brothers. The residence is occupied 7 days a week and 24 hours a day. The building consists of three floors and an attic.

The interior plumbing is all galvanized piping and the fixtures were upgraded in the late 60's and then again in the 90's with single lever units.

Sieben Hall: LC204

Building: D

Service Line: Ductile Iron

Year Built: 1961

Description of building: The building is a gymnasium used for recreational activities on the upper floor and houses the QAC parish offices and meeting rooms on the lower floor. The building use varies according to the activities scheduled each week.

The interior plumbing is mainly galvanized piping with some copper piping for upgrades of the fixtures in the building. The fixtures in the building were upgraded in the 1990's and then again in 2010.

Bergamo Center: LC205

Building: E

Service Line: Ductile Iron

Year Built: 1967

Description of building: The building is used for programs that want to get away from their normal work space. The programs include such things as spiritual retreats, day programs, adult programs, and weekend programs. The building has 60 bedrooms, 5 large conference rooms, a lounge, a dining room, and a kitchen on the upper floor and the lower floor houses the offices for the building.

The building is occupied based on the schedule of groups mainly on the upper floor. The lower floor is occupied from 8:00am – 5:00pm Monday – Friday with a few hours on the weekend.

The interior plumbing is galvanized pipe and in some parts of the building with copper pipe, in 1995, when a renovation was done on the building.

The lavatories in the bathrooms and kitchen are American Standard Spread Lavatory Fittings and use an aquaseal with a Heritage and Monogram Trim.

Results of Mount Saint John's lead sampling for 2015 were the following:

1. Marianist Mission: < 2.0 ug/L
2. Novitiate: <2.0 ug/L
3. Meyer Hall: <2.0 ug/L
4. Sieben Hall: <2.0ug/L
5. Bergamo Center: 9.07 ug/l

All service lines were tested with a magnet and scratched and no lead was found in the service lines.

Susceptibility of the System:

Marianist Mission: LC201

Building: A

This building was remodeled in 1997 and again in 2014 so the building is up to code in the water system.

Novitiate: LC202

Building: B

This building was built in 2015 so the building is up to code in the water system.

Meyer Hall: LC203

Building: C

The fixtures in this building were upgraded in the 90's. The last lead sampling in 2015 was <2.0 ug/L

The building will have to consider replacing the fixtures in the near future.

Sieben Hall: LC204

Building: D

The fixtures in this building were upgraded in 2010. The last lead sampling in 2015 was <2.0ug/L.

The building will be looked at in the next lead sampling in 2018.

Bergamo Center: LC205

Building: E

The fixtures in this building were installed in 1967. I contacted American Standard trying to find out the amount of lead in these fixtures and they told me that their records don't go back to 1967. So the amount of lead in these fixtures is unknown.

The last lead sampling in 2015 was 9.07ug/L.

The building will be considering replacing the fixtures in the near future.

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 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.**

Recommendation: Bergamo Center fixtures will be looking at replacing the fixtures in the near future. All the other buildings will be monitored in the next lead sampling in 2018.