

RE: Sandusky City  
Report  
Drinking Water Program  
Erie County  
PWS ID: OH2201411





# City of Sandusky Lead Risk Assessment Map

PWS Name : Sandusky City PWS ID : OH2201411



This map is in compliance with Ohio EPA's Guidelines for Lead Mapping in Distribution Systems issued on January 6, 2017. The intention of the guidance is to provide awareness to citizens of potential potable water lead risks based on structure age. Although most cases of lead poisoning can be traced to inhalation of lead dust or consumption of lead paint particles (rather than water consumption) any risk of lead poisoning, no matter how slight, is a serious concern.

Water is considered "aggressive" when certain water conditions increase the possibility of pipe deterioration allowing pipe materials to enter into the drinking water stream. The City of Sandusky constantly tests and adjusts the pH to ensure water is not "aggressive." Lead and copper testing, performed by the City in accordance with Ohio EPA requirements, has not exceeded minimum threshold levels since testing began many years ago. This does not mean, however, that homes in any of the above Risk Categories are immune to having lead in their water.

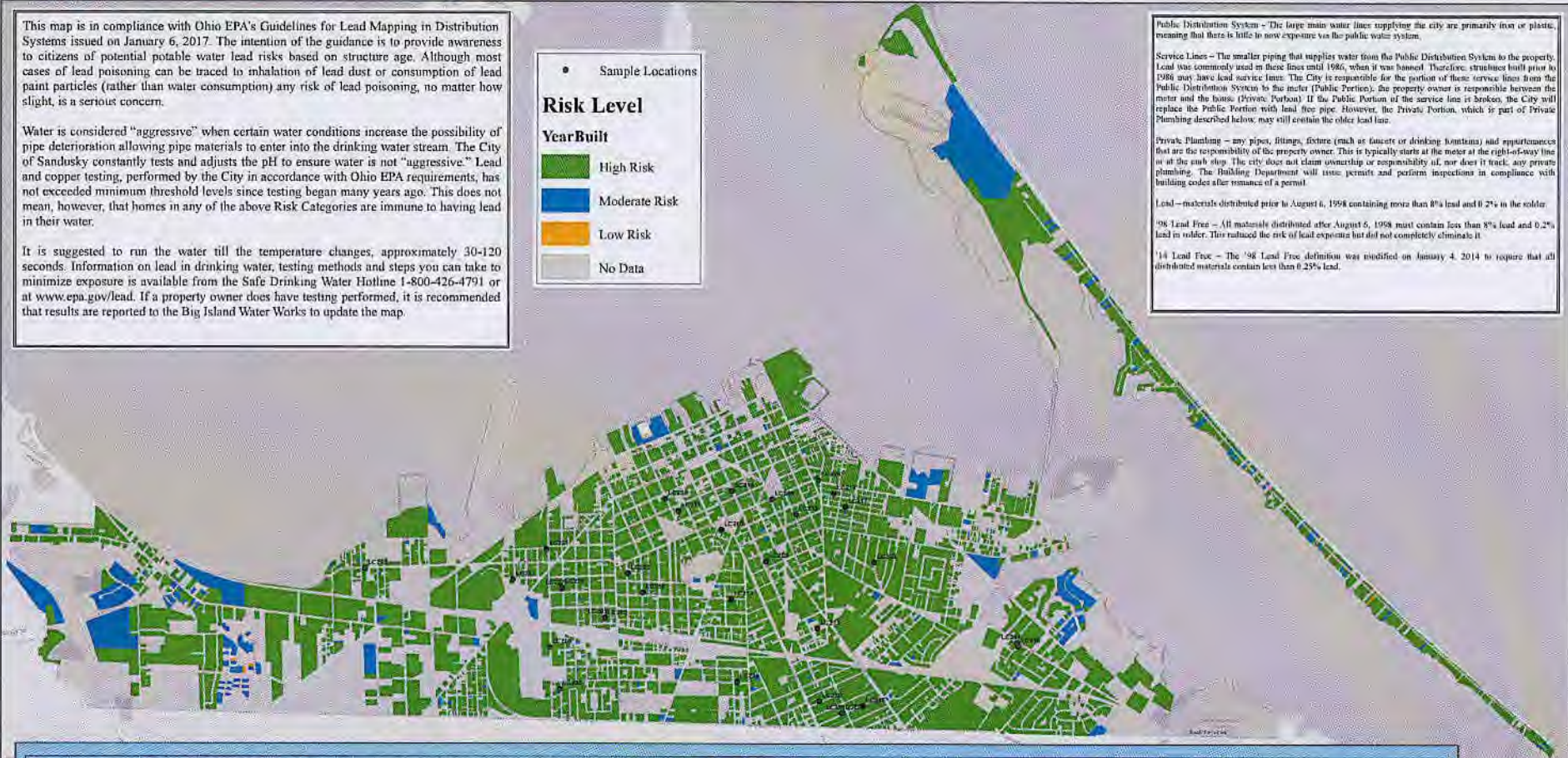
It is suggested to run the water till the temperature changes, approximately 30-120 seconds. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline 1-800-426-4791 or at [www.epa.gov/lead](http://www.epa.gov/lead). If a property owner does have testing performed, it is recommended that results are reported to the Big Island Water Works to update the map.

• Sample Locations

**Risk Level**

**Year Built**

- High Risk
- Moderate Risk
- Low Risk
- No Data



**Public Distribution System** - The large main water lines supplying the city are primarily iron or plastic, meaning that there is little to no exposure via the public water system.

**Service Lines** - The smaller piping that supplies water from the Public Distribution System to the property. Lead was commonly used in these lines until 1986, when it was banned. Therefore, structures built prior to 1986 may have lead service lines. The City is responsible for the portion of these service lines from the Public Distribution System to the meter (Public Portion); the property owner is responsible between the meter and the house (Private Portion). If the Public Portion of the service line is broken, the City will replace the Public Portion with lead free pipe. However, the Private Portion, which is part of Private Plumbing described below, may still contain the older lead line.

**Private Plumbing** - any pipes, fittings, fixture (such as faucets or drinking fountains) and appliances that are the responsibility of the property owner. This is typically starts at the meter at the right-of-way line or at the curb stop. The city does not claim ownership or responsibility of, nor does it track, any private plumbing. The Building Department will issue permits and perform inspections in compliance with building codes after issuance of a permit.

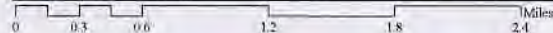
**Lead** - materials distributed prior to August 6, 1998 containing more than 8% lead and 0.2% in the solder.

**'98 Lead Free** - All materials distributed after August 6, 1998 must contain less than 8% lead and 0.2% lead in solder. This reduced the risk of lead exposure but did not completely eliminate it.

**'14 Lead Free** - The '98 Lead Free definition was modified on January 4, 2014 to require that all distributed materials contain less than 0.25% lead.

**Categories:** Color coding is based strictly on the age of the structure as found on the Erie County Auditor's Database. Therefore, the City does not claim complete accuracy for this map. All assumptions are based on the property owner and/or contractor following all laws when installing Private Plumbing. Please notify the Public Works Department at 419-627-3829 for any identified inaccuracies.

- Before 1998** - This group contains structures built prior to 1998 that may have pipes, fittings, and fixtures considered to be Lead Pipes. If the private plumbing was replaced after 1998, the property may be in a different risk group despite the original construction date.
- 1998-2014** - This group contains structures built between 1998 and 2014 that may have pipes, fittings and fixtures considered to be '98 Lead Free. If the private plumbing was replaced after 1998, the property may be in a different risk group despite the original construction date.
- 2014 or later** - This group contains structures built after January 4, 2014 that may have pipes, fittings and fixtures considered to be '14 Lead Free.
- No Data** - Any grey areas within the City of Sandusky limits are either vacant land without any structure on them or lack a building date in the County Auditor's database. These areas should be considered high risk until proven otherwise by appropriate documentation.



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Map created in accordance with the SDWA lead mapping guidelines met on January 6, 2017 by the Division of Drinking and Ground Water. Data for this map was provided by The City of Sandusky and the Erie County Auditor's Office. Projected Coordinate System: UNAD\_5001\_2011\_StatePlane\_Ohio\_North\_FIPS\_8209\_Meters\_29\_183 Geographic Coordinate System: NAD\_83\_NAD\_1983\_2011 This map is intended to be used as reference material only.