

Information on Lead and Copper for Castlewood (EPA ID 0002)

Terms and abbreviations used in this table:

* Action Level(AL): the concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow. For Lead and Copper, 90% of the samples must be below the AL.

Units:

*ppb: parts per billion, or micrograms per liter(ug/l)

*ppm: parts per million, or milligrams per liter(mg/l)

Substance	90% Level	Test Sites > Action Level	Date Tested	Highest Level Allowed (AL)	Ideal Goal	Units	Major Source of Contaminant
Copper	1.2	1	09/08/14	AL=1.3	0	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead	5	0	07/21/14	AL=15	0	ppb	Corrosion of household plumbing systems; erosion of natural deposits.

Sample Site	Sample Date	Lead(ppb)	Copper(ppm)	Sample Site Type
209 S 5th Ave	07/21/14	11.60	0.06	Tier I - Lead Solder
707 1st Ave N	07/21/14	4.50	1.11	Tier III
309 E Harry St	07/22/14	2.40	0.50	Tier III
304 S 4th Ave	07/21/14	1.90	0.08	Tier I - Lead Solder
508 E Pearl St	07/21/14	1.20	0.72	Tier I - Lead Solder
506 E Pearl St	07/21/14	1.00	0.29	Tier I - Lead Solder
511 E Harry St	07/21/14	0.90	1.56	Tier I - Lead Solder
120 E Merrill St	07/21/14	0.90	0.32	Tier III
209 W Main St	07/21/14	0.50	1.09	Tier III
409 N 4th Ave	09/08/14	0.40	1.21	Tier I - Lead Solder

Please direct questions regarding this information to Mr Richard Ries with the Castlewood public water system at (605)793-2220.