

Information on Lead and Copper for Box Elder (EPA ID 0046)

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	0.3	0	07/29/14	AL=1.3	0	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead	4	0	07/28/14	AL=15	0	ppb	Corrosion of household plumbing systems; erosion of natural deposits.

Sample Site	Sample Date	Lead(ppb)	Copper(ppm)	Sample Site Type
507 Meadowlark	07/21/14	5.00	0.28	Tier I - Lead Solder
522 Falcon	07/16/14	4.00	0.16	Tier I - Lead Solder
521 Swallow	07/24/14	4.00	0.13	Tier I - Lead Solder
518 Falcon	07/28/14	4.00	0.13	Tier I - Lead Solder
511 Falcon Dr	08/08/14	4.00	0.59	Tier I - Lead Solder
513 Falcon Dr	08/08/14	3.00	0.21	Tier I - Lead Solder
515 Swallow	07/28/14	2.00	0.12	Tier I - Lead Solder
506 Falcon	07/18/14	2.00	0.13	Tier I - Lead Solder
502 Swallow	07/25/14	2.00	0.08	Tier I - Lead Solder
523 Falcon	07/23/14	2.00	0.14	Tier I - Lead Solder
506 Meadowlark	07/29/14	2.00	0.27	Tier I - Lead Solder
517 Meadowlark	07/28/14	1.00	0.09	Tier I - Lead Solder
508 Falcon	07/16/14	1.00	0.17	Tier I - Lead Solder
503 Falcon	07/16/14	1.00	0.10	Tier I - Lead Solder
523 Meadowlark Dr.	07/15/14	1.00	0.03	Tier I - Lead Solder
514 Swallow	08/11/14	1.00	0.21	Tier I - Lead Solder
515 Falcon	07/25/14	1.00	0.23	Tier I - Lead Solder
505 Falcon	07/28/14	1.00	0.08	Tier I - Lead Solder
506 Swallow	07/20/14	1.00	0.07	Tier I - Lead Solder
603 Ash Ct	07/16/14	1.00	0.10	Tier I - Lead Solder

Please direct questions regarding this information to Mr Albert Todd with the Box Elder public water system at (605)923-1404.