

Information on Lead and Copper for Brookings-Deuel Rural Water System (EPA ID 0430)

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	0.4	0	07/22/15	AL=1.3	0	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead	7	1	07/22/15	AL=15	0	ppb	Corrosion of household plumbing systems; erosion of natural deposits.

Sample Site	Sample Date	Lead(ppb)	Copper(ppm)	Sample Site Type
48371 208th St	07/22/15	16.30	0.53	Tier I - Lead Solder
PO Box 583, Clear La	07/22/15	8.40	0.35	Tier I - Lead Solder
1803 Sunnybrook Dr	07/22/15	6.50	0.57	Tier I - Lead Solder
48044 186th St	07/22/15	5.70	0.04	Tier I - Lead Solder
2421 Sunnybrook Dr	07/22/15	4.90	0.25	Tier I - Lead Solder
20707 Sterling Loop	07/22/15	4.00	0.14	Tier I - Lead Solder
20377 Northgrove Loo	07/22/15	2.50	0.12	Tier I - Lead Solder
19471 485th Ave	09/03/15	2.30	0.11	Tier I - Lead Solder
48754 210th St	07/22/15	2.20	0.14	Tier I - Lead Solder
47700 188th Street	07/22/15	2.10	0.13	Tier I - Lead Solder
48504 210th St	07/22/15	1.80	0.11	Tier I - Lead Solder
48214 US Hwy 14	07/22/15	1.80	0.15	Unknown Tier Group
151 Dakota Shores Pl	07/22/15	1.70	0.14	Tier I - Lead Solder
21008 484th Ave	07/22/15	1.60	0.10	Tier I - Lead Solder
47531 195th St	07/22/15	1.60	0.09	Tier I - Lead Solder
20018 486th Ave	08/14/15	1.50	0.19	Tier I - Lead Solder
18241 SD Hwy 15	07/22/15	1.40	0.13	Tier I - Lead Solder
152 Dakota Shores Pl	07/22/15	1.30	0.04	Tier I - Lead Solder
16070 476th Ave	07/22/15	1.30	0.20	Tier I - Lead Solder
19950 485th Ave	07/22/15	1.10	0.10	Tier I - Lead Solder

Please direct questions regarding this information to Mr Gene Wilts with the Brookings-Deuel Rural Water System public water system at (605)794-4201.