

Information on Lead and Copper for Vermillion (EPA ID 0342)

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 | 0.0 | 0 | 07/23/15 | AL=1.3 | 0 | ppm | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives. |
| Lead | 1 | 0 | 07/21/15 | AL=15 | 0 | ppb | Corrosion of household plumbing systems; erosion of natural deposits. |

| Sample Site | Sample Date | Lead(ppb) | Copper(ppm) | Sample Site Type |
|------------------|-------------|-----------|-------------|----------------------|
| 410 Lee | 07/21/15 | 1.90 | 0.02 | Tier I - Lead Solder |
| 616 Sterling | 07/21/15 | 1.50 | 0.03 | Tier I - Lead Solder |
| 515 Sterling | 07/23/15 | 1.20 | 0.02 | Tier III |
| 1544 Crestview | 07/21/15 | 1.10 | 0.02 | Tier I - Lead Solder |
| 414 S Pine | 07/21/15 | 1.10 | 0.02 | Unknown Tier Group |
| 402 S. Norbeck | 07/21/15 | 0.90 | 0.02 | Unknown Tier Group |
| 413 Bulow St | 07/22/15 | 0.80 | 0.02 | Tier III |
| 304 Canby | 07/22/15 | 0.60 | 0.02 | Unknown Tier Group |
| 1020 Mulberry | 07/22/15 | 0.60 | 0.02 | Unknown Tier Group |
| 945 Sunset | 07/21/15 | 0.50 | 0.02 | Unknown Tier Group |
| 521 Sharpe | 07/21/15 | 0.40 | 0.02 | Tier I - Lead Solder |
| 1000 Lincoln | 07/21/15 | 0.30 | 0.02 | Tier III |
| 510 S Norbeck | 07/21/15 | 0.20 | 0.02 | Tier III |
| 1507 Crestview | 07/22/15 | 0.20 | 0.02 | Tier I - Lead Solder |
| 1106 W Clark | 07/21/15 | 0.20 | 0.02 | Tier III |
| 1619 Vonnie | 07/22/15 | 0.20 | 0.02 | Tier I - Lead Solder |
| 7 E Broadway | 07/21/15 | 0.20 | 0.02 | Tier III |
| 1559 Crestview | 07/21/15 | 0.20 | 0.02 | Tier I - Lead Solder |
| 300 Lewis | 07/21/15 | 0.20 | 0.02 | Tier III |
| 22 Franklin | 07/23/15 | 0.10 | 0.02 | Tier I - Lead Solder |
| 1601 E Cherry | 07/23/15 | 0.10 | 0.02 | Tier III |
| 618 Lee | 07/22/15 | 0.10 | 0.02 | Tier III |
| 1233 Valley View | 07/22/15 | 0.10 | 0.02 | Tier III |
| 1024 W Clark | 08/05/15 | 0.10 | 0.02 | Tier III |
| 130 S Harvard | 07/21/15 | 0.10 | 0.02 | Tier III |
| 503 Valley View | 07/21/15 | 0.10 | 0.02 | Tier III |
| 855 Eastgate | 07/21/15 | 0.10 | 0.02 | Unknown Tier Group |
| 836 Valley View | 07/23/15 | 0.10 | 0.02 | Tier I - Lead Solder |
| 1846 Vonnie | 07/23/15 | 0.10 | 0.02 | Tier III |
| 1423 Crestview | 07/23/15 | 0.10 | 0.02 | Tier III |

Please direct questions regarding this information to Mr Randy Isaacson with the Vermillion public water system at (605)677-7079.