

**Sioux Falls Water Division  
Metals  
2017**

Parameter	MRL	MCL	SMCL	Water Plant	Lewis and
	(µg/L)	(µg/L)	(µg/L)	Finished Water	Clark Water
Aluminum	20	-	200	BDL	BDL
Antimony	0.8	6	-	BDL	BDL
Arsenic	0.5	10	-	1.2	4.8
Barium	2	2000	-	27	27
Beryllium	0.02	4	-	BDL	BDL
Cadmium	0.1	5	-	BDL	BDL
Chromium	1	100	-	1	BDL
Copper *	1	1300	-	28	15
Cyanide	25	200	-	BDL	BDL
Lead *	1.0	15	-	1	BDL
Mercury	0.1	2	-	0.2	BDL
Nickel	40.0	-	-	BDL	BDL
Selenium	0.2	50	-	1	BDL
Thallium	0.7	2	-	BDL	BDL
Silver	0.2	-	100	BDL	BDL
Sodium	-	-	-	26.5	92
Zinc	10.0	-	5000	25	12

**NOTES:**

- BDL = Below Detection Limit - The concentration is below the minimum reporting limit
- MRL = Minimum Reporting Limit - The lowest concentration that the instrument can reliably detect.
- MCL = Maximum Contaminant Level (enforcable level)
- SMCL = Secondary Maximum Contaminant Level (not an enforceable standard)
- µg/L = Micrograms per Liter or Parts per Billion
- \* = Lead and copper results are for informational purposes only.  
  - Lead and copper are regulated at the consumers tap.
- Not all parameters require testing every year