

**Sioux Falls Water Division
Metals
January 14, 2019**

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	-	1	1
Arsenic	0.5	10	-	1.1	BDL
Barium	2	2000	-	8	13
Beryllium	0.02	4	-	BDL	BDL
Cadmium	0.1	5	-	BDL	BDL
Chromium	1	100	-	BDL	BDL
Copper *	1	1300	-	2	22
Cyanide #	25	200	-	BDL	BDL
Lead *	1.0	15	-	BDL	BDL
Mercury	0.1	2	-	BDL	BDL
Nickel	40.0	-	-	BDL	BDL
Selenium	0.2	50	-	BDL	BDL
Thallium	0.7	2	-	BDL	BDL
Silver	0.2	-	100	BDL	BDL
Sodium	-	-	-	24	80
Zinc	10.0	-	5000	BDL	BDL

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

Aluminum and Cyanide samples collected Aug 5, 2019

* = 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