



SAN ANTONIO
RIVER
AUTHORITY

Metals Analysis Change

January 23, 2026



Currently

- Monitor 19 metals (dissolved and total) at 6 sites twice a year.



TCEQ Standards

- Aquatic Life Standard
 - Acute
 - Chronic
- Human Health Protection Standard
 - Domestic Public Water Supply
(Medina, Leon, Upper Cibolo and Salado)
 - Not Domestic Public Water Supply
(San Antonio, Mid & Lower Cibolo, Medio)



Current Metals

Aluminum	Copper	Selenium
Antimony	Iron	Silver
Arsenic	Lead	Sodium
Barium	Magnesium	Thallium
Cadmium	Manganese	Zinc
Calcium	Nickel	
Chromium	Potassium	(19 Metals)



Proposed

Aluminum

Copper

Selenium

Antimony

Iron

Silver

Arsenic

Lead

Sodium

Barium

Magnesium

Thallium

Cadmium

Manganese

Zinc

Calcium

Nickel

Chromium

Potassium

(13 Metals)



Metal	Aquatic Life Standards		Human Health Protection Standards	
	Acute	Chronic	Waters identified as domestic public water supply 1903-1910	Not identified for public water supply: 1901, 1902, 1911, 1912, 1913
Aluminum (d)	standard	na	na	na
Arsenic (d)	standard	standard	standard	na
Antimony (t)	na	na	standard	standard
Barium (d)	na	na	standard	na
Cadmium (d)	standard	standard	standard	na
Chromium (d)	standard (hex, tri)	standard (hex, tri)	standard (hex only)	standard (hex only)
Copper (d)	standard	standard	na	na
Lead (d)	standard	standard	standard	standard
Nickel (d)	standard	standard	standard	standard
Selenium (t)	standard	standard	standard	na
Silver (d)	free ion	free ion	na	na
Thallium (t)	na	na	standard	standard
Zinc (d)	standard	standard	na	na



Stop Doing

- Iron
- Magnesium
- Manganese
- Potassium
- Sodium
- Calcium (change to titration method for hardness)



- The San Antonio River Basin does not have any impairments or concerns for metals in water.





Questions?

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