



WATER ANALYSIS RESULTS

Client: **Travis Apel USWS12412**
3118 N 76th St
Omaha, NE 68134

Water Source: **City Water – Bathroom Faucet**
 Sample ID: **RTC-36714**
 Collection Date and Time: **11-30-2020 / 12:15 pm**
 Received Date and Time: **12-1-2020 / 4:00 pm**
 Date Completed: **12-8-2020**

Definitions:

EPA Primary: Standard established by the EPA as a maximum contaminant level (MCL), as the highest level of a contaminants that is allowed in drinking water. MCLs are enforceable standards under the Safe Drinking Water Act.

EPA Secondary: Are guidelines established by the EPA as non-enforceable standards regulating contaminants that may cause cosmetic or aesthetic effects.

Action Levels: Refers to contaminants that are regulated by Treatment Techniques, at which when exceeded additional action must be taken to reduce the levels of the contaminant.

mg/L (ppm): Unit of measurement, milligrams per liter or parts per million.

Minimum Detection Level: The lowest level at which the laboratory can detect a contaminant.

ND: The contaminant was not detected above the stated minimum detection level.

Inorganic – Metals and Minerals

Contaminant	Result	Units	National Standard	Minimum Detection Level
Arsenic	0.002	mg/L	0.010 mg/L EPA Primary	0.00005
Barium	0.045	mg/L	2.0 mg/L EPA Primary	0.00025
Beryllium	ND	mg/L	0.004 mg/L EPA Primary	0.00025
Boron	0.073	mg/L		0.0001
Cadmium	ND	mg/L	0.005 mg/L EPA Primary	0.0005
Calcium	35.1	mg/L		0.005
Chromium	ND	mg/L	0.1 mg/L EPA Primary	0.005
Copper	0.006	mg/L	1.3 mg/L EPA Action Level	0.0005
Iron	0.13	mg/L	0.3 mg/L EPA Secondary	0.005
Lead	ND	mg/L	0.015 mg/L EPA Action Level	0.0006
Lithium	0.038	mg/L		0.0001
Magnesium	11.8	mg/L		0.0025
Manganese	0.001	mg/L	0.05 mg/L EPA Secondary	0.001
Molybdenum	0.003	mg/L		0.001
Nickel	0.0014	mg/L		0.0005
Phosphorous	ND	mg/L		0.0001
Potassium	7.2	mg/L		0.001
Silica	15.4	mg/L		0.05
Silicon	7.18	mg/L		0.05
Silver	ND	mg/L	0.100 mg/L EPA Secondary	0.0005
Sodium	48.8	mg/L		0.005
Strontium	0.360	mg/L		0.0005
Vanadium	0.0031	mg/L		0.0005
Zinc	0.022	mg/L	5 mg/L EPA Secondary	0.0001



Other Inorganics & Physical Characteristics

Contaminant	Result	Units	National Standard	Minimum Detection Level
Alkalinity	64	mg/L		20
Bromide	ND	mg/L		0.010
Chloride	18.73	mg/L	250 mg/L EPA Secondary	0.010
Fluoride	0.54	mg/L	4.0 mg/L EPA Primary	0.010
Hardness	136	mg/L		0.5
Nitrate	2.48	mg/L	10 mg/L EPA Primary	0.010
pH	8.80	pH Units	6.5 to 8.5 EPA Secondary	-
Phosphate	ND	mg/L		0.010
Sulfate	183.99	mg/L	250 mg/L EPA Secondary	0.010
Tannins	0.2	mg/L		0.05
Total Dissolved Solids	406.61	mg/L	500 mg/L EPA Secondary	20.0

Microbiological – Coliform Bacteria

Contaminant	Result	Units	National Standard	Minimum Detection Level (CFU/ml)
Fecal Coliform	Absent	Present/Absent	Absent	1
E.Coli	Absent	Present/Absent	Absent	1

These results are not intended to be used to meet any regulatory requirements or for litigation purposes. Results are for informational purposes only and are useful in determining general water quality and safety.

US Water Systems