



WATER ANALYSIS RESULTS

Client: **Travis Apel USWS12410**
3118 N 76th St
Omaha, NE 68134

Water Source: **Cole Creek Water – Omaha, Nebraska**
 Sample ID: **RTC-36712**
 Collection Date and Time: **11-29-2020 / 4:00 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.

*Sample results may be invalid due to lack of collection information or sample exceeded the holding time.

Inorganic – Metals and Minerals

Contaminant	Result	Units	National Standard	Minimum Detection Level
Arsenic	0.004	mg/L	0.010 mg/L EPA Primary	0.00005
Barium	0.198	mg/L	2.0 mg/L EPA Primary	0.00025
Beryllium	ND	mg/L	0.004 mg/L EPA Primary	0.00025
Boron	0.052	mg/L		0.0001
Cadmium	ND	mg/L	0.005 mg/L EPA Primary	0.0005
Calcium	95.8	mg/L		0.005
Chromium	ND	mg/L	0.1 mg/L EPA Primary	0.005
Copper	0.001	mg/L	1.3 mg/L EPA Action Level	0.0005
Iron	0.18	mg/L	0.3 mg/L EPA Secondary	0.005
Lead	ND	mg/L	0.015 mg/L EPA Action Level	0.0006
Lithium	0.010	mg/L		0.0001
Magnesium	30.6	mg/L		0.0025
Manganese	0.232	mg/L	0.05 mg/L EPA Secondary	0.001
Molybdenum	0.003	mg/L		0.001
Nickel	0.0018	mg/L		0.0005
Phosphorous	ND	mg/L		0.0001
Potassium	2.3	mg/L		0.001
Silica	21.5	mg/L		0.05
Silicon	10.02	mg/L		0.05
Silver	ND	mg/L	0.100 mg/L EPA Secondary	0.0005
Sodium	36.2	mg/L		0.005
Strontium	0.446	mg/L		0.0005
Vanadium	0.0019	mg/L		0.0005
Zinc	0.001	mg/L	5 mg/L EPA Secondary	0.0001



Other Inorganics & Physical Characteristics

Contaminant	Result	Units	National Standard	Minimum Detection Level
Alkalinity	298	mg/L		20
Bromide	0.35	mg/L		0.010
Chloride	73.59	mg/L	250 mg/L EPA Secondary	0.010
Fluoride	0.14	mg/L	4.0 mg/L EPA Primary	0.010
Hardness	365	mg/L		0.5
Nitrate	10.27	mg/L	10 mg/L EPA Primary	0.010
pH	8.00	pH Units	6.5 to 8.5 EPA Secondary	-
Phosphate	ND	mg/L		0.010
Sulfate	28.30	mg/L	250 mg/L EPA Secondary	0.010
Tannins	0.6	mg/L		0.05
Total Dissolved Solids	603.31	mg/L	500 mg/L EPA Secondary	20.0

Microbiological – Coliform Bacteria

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