

NORTH TEXAS MUNICIPAL WATER DISTRICT - Wylie

MONTHLY WATER ANALYSIS

MONTH: Dec 2021

	RAW	TREATED
Mineral Analysis	mg/L	mg/L
Residue on Evaporation	219	290
Silica (SiO2)	6.35	6.02
Iron (Fe)	0.545	0.415
Calcium (Ca)	39.6	47.3
Magnesium (Mg)	3.78	3.81
Sodium (Na)	23.9	39.9
Potassium (K)	4.95	4.88
Sulfate (SO4)	32.9	91.1
Nitrite (NO2)	0.0200	<0.0200
Nitrate (NO3)	0.379	0.530
Chloride (Cl)	23.7	31.9
Fluoride (F)	0.278	0.528 *
Phosphates (PO4)	0.0950	0.395
Water Stability	mg/L as CaCO3	mg/L as CaCO3
Total Alkalinity	107 *	87.0 *
Total Hardness	120	128
Langelier Index		0.1180
Trace Element Analysis	mg/L	mg/L
Arsenic (As)	0.00218	0.00078
Barium (Ba)	0.0518	0.0460
Cadmium (Cd)	<0.00100	<0.00100
Chromium (Cr)	<0.00250	<0.00250
Copper (Cu)	0.0212	0.00106
Iron (Fe)	0.545	0.415
Lead (Pb)	0.000590	<0.000500
Manganese (Mn)	0.0728	0.0410
Mercury (Hg)	<0.000100	<0.000100
Nickel (Ni)	0.00444	0.00751
Selenium (Se)	<0.00100	<0.00100
Silver (Ag)	<0.000500	<0.000500
Zinc (Zn)	0.00762	<0.00250
Other Analysis	Units	Units
Chlorine Residual (mg/L)	--	3.71 *
Total coliform (Present / Absent)	--	A *
pH (Standard Units) @ 25°C	8.16 *	8.27 *
Specific Conductance (Umhos)	346 *	457 *
Turbidity (NTU)	17.0 *	0.0652 *
Threshold Odor Number	4	2

* Identifies Monthly Average Process analyses.

Date: 1/13/2022