



Water Analysis Report

Soil, Water and Forage Testing Laboratory
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Laboratory #: 35047940
 Customer Sample ID: Deep Well
 Date Processed: 11/1/2022
 Sample from Bowie County
 Water Source =Well

Format based on publication SCS-2002-12

Water Use =Domestic

Parameter analyzed	Results	Units	Method	V. Limiting	Limiting	Acceptable
Calcium (Ca)	2	ppm	ICP			*****
Magnesium (Mg)	< 1	ppm	ICP			*****
Sodium (Na)	188	ppm	ICP	*****		
Potassium (K)	1	ppm	ICP			*****
Boron (B)	0.98	ppm	ICP			*****
Carbonate (CO ₃)	3	ppm	Tit.			*****
Bicarbonate (HCO ₃)	344	ppm	Tit.			*****
Sulfate (SO ₄ ²⁻ calculated from total S)	8	ppm	ICP			*****
Chloride (Cl ⁻)	69	ppm	Tit.			*****
Nitrate-N (NO ₃ -N)	0.31	ppm	Cd-red.			*****
Phosphorus (P)	0.11	ppm	ICP			*****
pH	8.50		ISE			*****
Conductivity	642	umhos/cm	Cond.			*****
Hardness	0	grains CaCO ₃ /gallon	Calc.			*****
Hardness	8	ppm CaCO ₃	Calc.			*****
Alkalinity	287	ppm CaCO ₃	Calc.		*****	
Total Dissolved Salts (TDS)	618	ppm	Calc.		*****	
SAR	28.6		Calc.	N/A		
Iron (Fe)	< 0.01	ppm	ICP			*****
Zinc (Zn)	0.01	ppm	ICP			*****
Copper (Cu)	< 0.01	ppm	ICP			*****
Manganese (Mn)	< 0.01	ppm	ICP			*****
Arsenic (As)						
Barium (Ba)						
Nickel (Ni)						
Cadmium (Cd)						
Lead (Pb)						
Chromium (Cr)						
Fluoride (F)						
Charge Balance (cation/anion*100)	105		Calc.			

ppm=parts per million=milligrams per liter

N/A, not applicable for this water use

Descriptions of each water parameter, potential use issues and target levels are provided in publication SCS-2002-10, Description of Water Analysis Parameters.

ICP, Inductively coupled plasma; Tit., titration; ISE, ion selective electrode; Cd-red., cadmium reduction; cond., conductivity; calc., calculated