

Water Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2610 F&B Road, 2478 TAMU
College Station, TX 77843-2478
979-845-4816

Report generated for:
Oak Tree Ranch Well Kit Campbell
PO Box 90
BULLARD, TX 75757

Visit our website:
<http://soiltesting.tamu.edu>

Laboratory #: 35047198
Customer Sample ID: 7-26-2022
Date Processed: 8/5/2022
Sample from Henderson 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)	< 1	ppm	ICP			*****
Magnesium (Mg)	< 1	ppm	ICP			*****
Sodium (Na)	138	ppm	ICP		*****	
Potassium (K)	< 1	ppm	ICP			*****
Boron (B)	0.13	ppm	ICP			*****
Carbonate (CO ₃)	2	ppm	Tit.			*****
Bicarbonate (HCO ₃)	252	ppm	Tit.			*****
Sulfate (SO ₄ ²⁻ calculated from total S)	< 3	ppm	ICP			*****
Chloride (Cl ⁻)	54	ppm	Tit.			*****
Nitrate-N (NO ₃ -N)	0.39	ppm	Cd-red.			*****
Phosphorus (P)	0.10	ppm	ICP			*****
pH	8.46		ISE			*****
Conductivity	473	umhos/cm	Cond.			*****
Hardness	0	grains CaCO ₃ /gallon	Calc.			*****
Hardness	7	ppm CaCO ₃	Calc.			*****
Alkalinity	211	ppm CaCO ₃	Calc.		*****	
Total Dissolved Salts (TDS)	454	ppm	Calc.			*****
SAR	27.9		Calc.	N/A		
Iron (Fe)	< 0.01	ppm	ICP			*****
Zinc (Zn)	0.02	ppm	ICP			*****
Copper (Cu)	< 0.01	ppm	ICP			*****
Manganese (Mn)	< 0.01	ppm	ICP			*****
Arsenic (As)	0.006	ppm	ICP			*****
Barium (Ba)	0.022	ppm	ICP			*****
Nickel (Ni)	0.002	ppm	ICP			*****
Cadmium (Cd)	< 0.001	ppm	ICP			*****
Lead (Pb)	< 0.003	ppm	ICP			*****
Chromium (Cr)	< 0.001	ppm	ICP			*****
Fluoride (F)	< 0.01	ppm	ICP			*****
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