

### Water Analysis Report

Soil, Water and Forage Testing Laboratory  
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Report generated for:  
 Oak Tree Ranch Well/Kit Campbell  
 PO Box 90  
 Bullard, TX 75757

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

Laboratory #: 35101  
 Customer Sample ID: Oak Tree Ranch  
 Date Processed: 12/22/2017  
 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)	2	ppm	ICP			*****
Magnesium (Mg)	< 1	ppm	ICP			*****
Sodium (Na)	119	ppm	ICP		*****	
Potassium (K)	1	ppm	ICP			*****
Boron (B)	0.09	ppm	ICP			*****
Carbonate (CO <sub>3</sub> )	0	ppm	Titr.			*****
Bicarbonate (HCO <sub>3</sub> )	242	ppm	Titr.			*****
Sulfate (SO <sub>4</sub> <sup>-</sup> calculated from total S)	5	ppm	ICP			*****
Chloride (Cl <sup>-</sup> )	35	ppm	Titr.			*****
Nitrate-N (NO <sub>3</sub> -N)	< 0.01	ppm	Cd-red.			*****
Phosphorus (P)	0.11	ppm	ICP			*****
pH	7.57		ISE			*****
Conductivity	561	umhos/cm	Cond.			*****
Hardness	1	grains CaCO3/gallon	Calc.			*****
Hardness	9	ppm CaCO3	Calc.			*****
Alkalinity	198	ppm CaCO3	Calc.		*****	
Total Dissolved Salts (TDS)	406	ppm	Calc.			*****
SAR	16.9		Calc.	N/A		
Iron (Fe)	0.17	ppm	ICP			*****
Zinc (Zn)	0.10	ppm	ICP			*****
Copper (Cu)	< 0.01	ppm	ICP			*****
Manganese (Mn)	< 0.01	ppm	ICP			*****
Arsenic (As)	< 0.005	ppm	ICP			*****
Barium (Ba)	0.013	ppm	ICP			*****
Nickel (Ni)	< 0.001	ppm	ICP			*****
Cadmium (Cd)	0.001	ppm	ICP			*****
Lead (Pb)	< 0.006	ppm	ICP			*****
Chromium (Cr)	< 0.001	ppm	ICP			*****
Fluoride (F)	0.20	ppm	ICP			*****
Charge Balance (cation/anion*100)	106		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; Titr., titration; ISE, ion selective electrode; Cd-red., cadmium reduction; cond., conductivity; calc., calculated