AgriLIFE EXTENSION
Texas A&M System

Water Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
345 Heep Center, 2474 TAMU
College Station, TX 77843-2474
979-845-4816

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

Report generated for:
Robert Brent
3523 Tchoupitoulas St.
New Orleans, LA 70115

Laboratory #: 17593
Customer Sample ID: #1
Date Processed: 10/21/2010
Sample from outside country
Water Source =Well **Water Use =Domestic**

Format based on publication SCS-2002-12

Parameter analyzed		Results	Units	Method	V. Limiting	Limiting	Acceptable
Calcium (Ca)		**161**	ppm	ICP			*****
Magnesium (Mg)		**15**	ppm	ICP			*****
Sodium (Na)		**42**	ppm	ICP		*****	
Potassium (K)		**3**	ppm	ICP			*****
Boron (B)		**0.23**	ppm	ICP			*****
Carbonate (CO_3)		**0**	ppm	Titr.			*****
Bicarbonate (HCO_3)		**374**	ppm	Titr.			*****
Sulfate (SO_4-calculated from total S**)**		**123**	ppm	ICP			*****
Chloride (Cl-)		**77**	ppm	Titr.			*****
Nitrate-N (NO_3-N)		**1.34**	ppm	Cd-red.			*****
Phosphorus (P)		**0.02**	ppm	ICP			*****
pH		**7.06**		ISE			*****
Conductivity		**888**	umhos/cm	Cond.		*****	
Hardness		**27**	grains CaCO3/gallon	Calc.		*****	
Hardness		**466**	ppm CaC03	Calc.		*****	
Alkalinity		**307**	ppm CaC03	Calc.		*****	
Total Dissolved Salts (TDS)		**797**	ppm	Calc.		*****	
SAR		**0.8**		Calc.	**N/A**		
Iron (Fe)	**<**	**0.01**	ppm	ICP			*****
Zinc (Zn)		**0.83**	ppm	ICP			*****
Copper (Cu)		**0.03**	ppm	ICP			*****
Manganese (Mn)	**<**	**0.01**	ppm	ICP			*****
Arsenic (As)							
Barium (Ba)							
Nickel (Ni)							
Cadmium (Cd)							
Lead (Pb)							
Chromium (Cr)							
Flouride (F)							
Charge Balance (cation/anion*100)		**102**		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