



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C06091330-002  
**Client Sample ID:** 3210714 (8206)

**Report Date:** 10/20/06  
**Collection Date:** 09/26/06 09:58  
**Date Received:** 09/29/06  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Alkalinity, Phenolphthalein as CaCO3	ND	mg/L		1		A2320 B	10/09/06 14:00 / bmm
Alkalinity, Total as CaCO3	268	mg/L		1		A2320 B	10/09/06 14:00 / bmm
Bromide	ND	mg/L		0.50		E300.0	10/04/06 16:21 / bt
Calcium	115	mg/L		0.5		E200.7	10/11/06 16:21 / ts
Chloride	6	mg/L		1		A4500-Cl B	09/29/06 14:22 / jl
Fluoride	0.2	mg/L		0.1		A4500-F C	10/16/06 16:55 / bmm
Magnesium	7.6	mg/L		0.5		E200.7	10/11/06 16:21 / ts
Nitrogen, Nitrate+Nitrite as N	0.6	mg/L		0.1		E353.2	10/02/06 09:47 / jal
Potassium	1.0	mg/L		0.5		E200.7	10/11/06 16:21 / ts
Silica	13.7	mg/L		0.1		E200.7	10/11/06 16:21 / ts
Sodium	6.5	mg/L		0.5		E200.7	10/11/06 16:21 / ts
Sulfate	34	mg/L		1		A4500-SO4 E	09/29/06 14:52 / jal
<b>METALS - DISSOLVED</b>							
Aluminum	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Antimony	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Arsenic	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Barium	104	ug/L		1		E200.8	10/11/06 07:36 / bws
Beryllium	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Boron	ND	ug/L		100		E200.7	10/11/06 16:21 / ts
Cadmium	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Chromium	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Cobalt	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Copper	2	ug/L		1		E200.8	10/11/06 07:36 / bws
Iron	ND	ug/L		30		E200.7	10/11/06 16:21 / ts
Lead	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Lithium	6	ug/L		1		E200.8	10/02/06 12:28 / bws
Manganese	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Molybdenum	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Selenium	1	ug/L		1		E200.8	10/11/06 07:36 / bws
Strontium	463	ug/L		1		E200.8	10/11/06 07:36 / bws
Thallium	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Vanadium	ND	ug/L		1		E200.8	10/11/06 07:36 / bws
Zinc	142	ug/L		1		E200.8	10/11/06 07:36 / bws
<b>DATA QUALITY</b>							
A/C Balance (± 5)	3.12	%		250		Calculation	10/16/06 15:02 / cp
Anions	6.25	meq/L		250		Calculation	10/16/06 15:02 / cp
Cations	6.65	meq/L		250		Calculation	10/16/06 15:02 / cp

**Report Definitions:** RL - Analyte reporting limit.  
 QCL - Quality control limit.

MCL - Maximum contaminant level.  
 ND - Not detected at the reporting limit.