



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C06080121-004  
**Client Sample ID:** 3231301 (2255)

**Report Date:** 08/22/06  
**Collection Date:** 08/01/06 15:50  
**Date Received:** 08/02/06  
**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	08/03/06 10:06 / th
Alkalinity, Total as CaCO3	116	mg/L		1		A2320 B	08/03/06 10:06 / th
Bromide	ND	mg/L		0.50		E300.0	08/04/06 03:48 / wen
Calcium	22.4	mg/L		0.5		E200.7	08/10/06 17:18 / ts
Chloride	10	mg/L		1		A4500-Cl B	08/03/06 13:23 / jl
Fluoride	0.4	mg/L		0.1		A4500-F C	08/03/06 08:58 / th
Magnesium	4.7	mg/L		0.5		E200.7	08/10/06 17:18 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	08/03/06 12:24 / jal
Potassium	2.0	mg/L		0.5		E200.7	08/10/06 17:18 / ts
Silica	14.2	mg/L		0.1		E200.7	08/10/06 17:18 / ts
Sodium	33.0	mg/L		0.5		E200.7	08/10/06 17:18 / ts
Sulfate	15	mg/L		1		A4500-SO4 E	08/16/06 16:22 / bm
<b>METALS - DISSOLVED</b>							
Aluminum	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Antimony	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Arsenic	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Barium	8	ug/L		1		E200.8	08/04/06 00:22 / sml
Beryllium	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Boron	243	ug/L		100		E200.7	08/10/06 17:18 / ts
Cadmium	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Chromium	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Cobalt	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Copper	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Iron	1520	ug/L		30		E200.7	08/10/06 17:18 / ts
Lead	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Lithium	25	ug/L		1		E200.8	08/04/06 20:13 / bws
Manganese	186	ug/L		1		E200.8	08/04/06 00:22 / sml
Molybdenum	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Selenium	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Strontium	384	ug/L		1		E200.8	08/04/06 00:22 / sml
Thallium	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Vanadium	ND	ug/L		1		E200.8	08/04/06 00:22 / sml
Zinc	5	ug/L		1		E200.8	08/04/06 00:22 / sml
<b>DATA QUALITY</b>							
A/C Balance (± 5)	1.85	%		250		Calculation	08/17/06 14:03 / cp
Anions	2.94	meq/L		250		Calculation	08/17/06 14:03 / cp
Cations	3.05	meq/L		250		Calculation	08/17/06 14:03 / cp

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

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