



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C06060935-008  
**Client Sample ID:** 1844803 (661)

**Report Date:** 07/12/06  
**Collection Date:** 06/14/06 15:00  
**Date Received:** 06/17/06  
**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	06/27/06 12:46 / th
Alkalinity, Total as CaCO3	300	mg/L		1		A2320 B	06/27/06 12:46 / th
Bromide	0.22	mg/L		0.05		E300.0	06/27/06 19:39 / eli-b
Calcium	5.8	mg/L		0.5		E200.7	06/23/06 16:58 / ts
Chloride	148	mg/L		1		A4500-Cl B	06/21/06 11:25 / jl
Magnesium	1.3	mg/L		0.5		E200.7	06/23/06 16:58 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	06/20/06 16:28 / jal
Potassium	1.6	mg/L		0.5		E200.7	06/23/06 16:58 / ts
Silica	11.5	mg/L		0.1		E200.7	06/23/06 16:58 / ts
Sodium	291	mg/L		0.5		E200.7	06/23/06 16:58 / ts
Sulfate	135	mg/L		1		A4500-SO4 E	06/23/06 13:50 / bm
<b>METALS - DISSOLVED</b>							
Aluminum	3	ug/L		1		E200.8	06/20/06 03:35 / sml
Antimony	ND	ug/L		1		E200.8	06/20/06 03:35 / sml
Arsenic	ND	ug/L		1		E200.8	06/20/06 03:35 / sml
Barium	12	ug/L		1		E200.8	06/20/06 03:35 / sml
Beryllium	ND	ug/L		1		E200.8	06/20/06 03:35 / sml
Boron	1200	ug/L		100		E200.7	06/23/06 16:58 / ts
Cadmium	ND	ug/L		1		E200.8	06/20/06 03:35 / sml
Chromium	2	ug/L		1		E200.8	06/20/06 03:35 / sml
Cobalt	ND	ug/L		1		E200.8	06/20/06 03:35 / sml
Copper	6	ug/L		1		E200.8	06/20/06 03:35 / sml
Iron	39	ug/L		30		E200.7	06/23/06 16:58 / ts
Lead	ND	ug/L		1		E200.8	06/20/06 03:35 / sml
Lithium	19	ug/L		1		E200.8	06/26/06 16:46 / bws
Manganese	3	ug/L		1		E200.8	06/20/06 03:35 / sml
Molybdenum	ND	ug/L		1		E200.8	06/20/06 03:35 / sml
Selenium	1	ug/L		1		E200.8	06/20/06 03:35 / sml
Strontium	181	ug/L		1		E200.8	06/20/06 03:35 / sml
Thallium	ND	ug/L		1		E200.8	06/20/06 03:35 / sml
Vanadium	ND	ug/L		1		E200.8	06/20/06 03:35 / sml
Zinc	11	ug/L		1		E200.8	06/20/06 03:35 / sml
<b>DATA QUALITY</b>							
A/C Balance (± 5)	0.421	%		250		Calculation	06/28/06 14:43 / cp
Anions	13.0	meq/L		250		Calculation	06/28/06 14:43 / cp
Cations	13.1	meq/L		250		Calculation	06/28/06 14:43 / cp

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

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