



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C06060363-006  
**Client Sample ID:** 1829301 (2243)

**Report Date:** 06/23/06  
**Collection Date:** 06/06/06 14:01  
**Date Received:** 06/07/06  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Alkalinity, Phenolphthalein as CaCO3	27	mg/L		1		A2320 B	06/17/06 10:08 / th
Alkalinity, Total as CaCO3	400	mg/L		1		A2320 B	06/17/06 10:08 / th
Bromide	ND	mg/L			0.050	E300.0	06/14/06 15:30 / eli-b
Calcium	1.0	mg/L			0.5	E200.7	06/09/06 11:21 / ts
Chloride	36	mg/L		1		A4500-Cl B	06/12/06 12:50 / jl
Fluoride	1.6	mg/L			0.1	A4500-F C	06/20/06 13:41 / th
Magnesium	ND	mg/L			0.5	E200.7	06/09/06 11:21 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L			0.1	E353.2	06/08/06 11:49 / jal
Potassium	0.8	mg/L			0.5	E200.7	06/09/06 11:21 / ts
Silica	10.2	mg/L			0.1	E200.7	06/09/06 11:21 / ts
Sodium	275	mg/L			0.5	E200.7	06/09/06 11:21 / ts
Sulfate	178	mg/L	D		3	A4500-SO4 E	06/19/06 14:12 / bm
<b>METALS - DISSOLVED</b>							
Aluminum	2	ug/L			1	E200.8	06/13/06 14:00 / sml
Antimony	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Arsenic	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Barium	5	ug/L			1	E200.8	06/09/06 19:37 / sml
Beryllium	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Boron	1240	ug/L			100	E200.7	06/09/06 11:21 / ts
Cadmium	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Chromium	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Cobalt	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Copper	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Iron	ND	ug/L			30	E200.7	06/09/06 11:21 / ts
Lead	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Lithium	17	ug/L			1	E200.8	06/08/06 15:16 / bws
Manganese	ND	ug/L			1	E200.7	06/09/06 11:21 / ts
Molybdenum	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Selenium	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Strontium	89	ug/L			1	E200.8	06/09/06 19:37 / sml
Thallium	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Vanadium	ND	ug/L			1	E200.8	06/09/06 19:37 / sml
Zinc	5	ug/L			1	E200.8	06/09/06 19:37 / sml
<b>DATA QUALITY</b>							
A/C Balance (± 5)	3.00	%			250	Calculation	06/21/06 11:42 / cp
Anions	12.8	meq/L			250	Calculation	06/21/06 11:42 / cp
Cations	12.0	meq/L			250	Calculation	06/21/06 11:42 / cp

**Report Definitions:**  
 RL - Analyte reporting limit.  
 QCL - Quality control limit.  
 D - RL increased due to sample matrix interference.

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