



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C07071347-007  
**Client Sample ID:** 1835603 (8270)

**Report Date:** 08/17/07  
**Collection Date:** 07/25/07 13:35  
**Date Received:** 07/28/07  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Alkalinity, Phenolphthalein as CaCO3	29	mg/L		1		A2320 B	07/30/07 19:32 / bas
Alkalinity, Total as CaCO3	413	mg/L		1		A2320 B	07/30/07 19:32 / bas
Bromide	ND	mg/L		0.50		E300.0	08/07/07 05:02 / bt
Calcium	1.5	mg/L		0.5		E200.7	08/07/07 17:27 / ts
Chloride	16	mg/L		1		A4500-Cl B	08/01/07 13:37 / jl
Fluoride	1.1	mg/L		0.1		A4500-F C	07/31/07 13:06 / bas
Magnesium	ND	mg/L		0.5		E200.7	08/07/07 17:27 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	07/31/07 15:21 / ljl
Potassium	0.9	mg/L		0.5		E200.7	08/07/07 17:27 / ts
Silica	13.9	mg/L		0.1		E200.7	08/07/07 17:27 / ts
Sodium	227	mg/L		0.5		E200.7	08/07/07 17:27 / ts
Sulfate	83	mg/L		1		A4500-SO4 E	07/30/07 15:42 / zd
<b>METALS - DISSOLVED</b>							
Aluminum	4	ug/L		1		E200.8	08/11/07 03:33 / sml
Antimony	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Arsenic	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Barium	6	ug/L		1		E200.8	08/11/07 03:33 / sml
Beryllium	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Boron	611	ug/L		100		E200.7	08/07/07 17:27 / ts
Cadmium	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Chromium	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Cobalt	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Copper	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Iron	ND	ug/L		30		E200.7	08/07/07 17:27 / ts
Lead	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Lithium	22	ug/L		1		E200.8	08/16/07 00:56 / bws
Manganese	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Molybdenum	1	ug/L		1		E200.8	08/11/07 03:33 / sml
Selenium	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Strontium	86	ug/L		1		E200.8	08/11/07 03:33 / sml
Thallium	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Vanadium	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
Zinc	ND	ug/L		1		E200.8	08/11/07 03:33 / sml
<b>DATA QUALITY</b>							
A/C Balance (± 5)	2.40	%		250		Calculation	08/13/07 13:16 / bws
Anions	10.5	meq/L		250		Calculation	08/13/07 13:16 / bws
Cations	10.0	meq/L		250		Calculation	08/13/07 13:16 / bws

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

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