



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C07071347-003  
**Client Sample ID:** 1820609 (8266)

**Report Date:** 08/17/07  
**Collection Date:** 07/24/07 15:33  
**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	23	mg/L		1		A2320 B	07/30/07 18:58 / bas
Alkalinity, Total as CaCO3	514	mg/L		1		A2320 B	07/30/07 18:58 / bas
Bromide	ND	mg/L		0.50		E300.0	08/07/07 03:41 / bt
Calcium	2.6	mg/L		0.5		E200.7	08/07/07 16:29 / ts
Chloride	75	mg/L		1		A4500-Cl B	08/01/07 13:34 / jl
Fluoride	1.8	mg/L		0.1		A4500-F C	07/31/07 12:54 / bas
Magnesium	0.7	mg/L		0.5		E200.7	08/07/07 16:29 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	07/31/07 15:04 / ljl
Potassium	1.5	mg/L		0.5		E200.7	08/07/07 16:29 / ts
Silica	9.9	mg/L		0.1		E200.7	08/07/07 16:29 / ts
Sodium	308	mg/L		0.5		E200.7	08/07/07 16:29 / ts
Sulfate	80	mg/L		1		A4500-SO4 E	07/30/07 15:16 / zd
<b>METALS - DISSOLVED</b>							
Aluminum	2	ug/L		1		E200.8	08/11/07 03:06 / sml
Antimony	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Arsenic	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Barium	17	ug/L		1		E200.8	08/11/07 03:06 / sml
Beryllium	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Boron	1050	ug/L		100		E200.7	08/07/07 16:29 / ts
Cadmium	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Chromium	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Cobalt	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Copper	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Iron	34	ug/L		30		E200.7	08/07/07 16:29 / ts
Lead	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Lithium	19	ug/L		1		E200.8	08/16/07 00:42 / bws
Manganese	ND	ug/L		1		E200.7	08/07/07 16:29 / ts
Molybdenum	1	ug/L		1		E200.8	08/11/07 03:06 / sml
Selenium	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Strontium	149	ug/L		1		E200.8	08/11/07 03:06 / sml
Thallium	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Vanadium	ND	ug/L		1		E200.8	08/11/07 03:06 / sml
Zinc	8	ug/L		1		E200.8	08/11/07 03:06 / sml
<b>DATA QUALITY</b>							
A/C Balance (± 5)	1.89	%		250		Calculation	08/13/07 13:15 / bws
Anions	14.1	meq/L		250		Calculation	08/13/07 13:15 / bws
Cations	13.6	meq/L		250		Calculation	08/13/07 13:15 / bws

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

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