



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C07030694-002  
**Client Sample ID:** 1841407 (8218)

**Report Date:** 04/03/07  
**Collection Date:** 03/12/07 15:27  
**Date Received:** 03/15/07  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Alkalinity, Phenolphthalein as CaCO3	24	mg/L		1		A2320 B	03/15/07 14:55 / jaj
Alkalinity, Total as CaCO3	322	mg/L		1		A2320 B	03/15/07 14:55 / jaj
Bromide	ND	mg/L		0.50		E300.0	03/19/07 16:06 / sc
Calcium	1.2	mg/L		0.5		E200.7	03/20/07 18:55 / ts
Chloride	19	mg/L		1		A4500-Cl B	03/15/07 14:30 / jl
Fluoride	0.5	mg/L		0.1		A4500-F C	03/15/07 15:34 / jaj
Magnesium	ND	mg/L		0.5		E200.7	03/20/07 18:55 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/16/07 11:44 / jal
Potassium	1.2	mg/L		0.5		E200.7	03/20/07 18:55 / ts
Silica	12.5	mg/L		0.1		E200.7	03/20/07 18:55 / ts
Sodium	208	mg/L		0.5		E200.7	03/20/07 18:55 / ts
Sulfate	112	mg/L	D	1		A4500-SO4 E	03/16/07 15:11 / ljl
<b>METALS - DISSOLVED</b>							
Aluminum	8	ug/L		1		E200.8	03/28/07 21:09 / sml
Antimony	ND	ug/L		1		E200.8	03/28/07 05:20 / sml
Arsenic	ND	ug/L		1		E200.8	03/28/07 21:09 / sml
Barium	11	ug/L		1		E200.8	03/28/07 05:20 / sml
Beryllium	ND	ug/L		1		E200.8	03/28/07 21:09 / sml
Boron	316	ug/L		100		E200.7	03/20/07 18:55 / ts
Cadmium	ND	ug/L		1		E200.8	03/28/07 05:20 / sml
Chromium	4	ug/L		1		E200.8	03/28/07 21:09 / sml
Cobalt	ND	ug/L		1		E200.8	03/28/07 21:09 / sml
Copper	2	ug/L		1		E200.8	03/28/07 21:09 / sml
Iron	ND	ug/L		30		E200.7	03/20/07 18:55 / ts
Lead	ND	ug/L		1		E200.8	03/28/07 05:20 / sml
Lithium	24	ug/L		1		E200.8	03/21/07 12:57 / sml
Manganese	ND	ug/L		1		E200.7	03/20/07 18:55 / ts
Molybdenum	ND	ug/L		1		E200.8	03/28/07 05:20 / sml
Selenium	4	ug/L	D	2		E200.8	03/28/07 21:09 / sml
Strontium	67	ug/L		1		E200.8	03/28/07 21:09 / sml
Thallium	ND	ug/L		1		E200.8	03/28/07 05:20 / sml
Vanadium	ND	ug/L		1		E200.8	03/28/07 21:09 / sml
Zinc	20	ug/L	D	10		E200.8	03/28/07 21:09 / sml
<b>DATA QUALITY</b>							
A/C Balance (± 5)	0.823	%		250		Calculation	04/02/07 07:41 / bws
Anions	9.34	meq/L		250		Calculation	04/02/07 07:41 / bws
Cations	9.19	meq/L		250		Calculation	04/02/07 07:41 / bws

**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.