



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C07030694-003  
**Client Sample ID:** 1833703 (8219)

**Report Date:** 04/03/07  
**Collection Date:** 03/13/07 09:15  
**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	37	mg/L		1		A2320 B	03/15/07 14:57 / jaj
Alkalinity, Total as CaCO3	506	mg/L		1		A2320 B	03/15/07 14:57 / jaj
Bromide	ND	mg/L		0.50		E300.0	03/19/07 16:43 / sc
Calcium	2.2	mg/L		0.5		E200.7	03/20/07 18:59 / ts
Chloride	19	mg/L		1		A4500-Cl B	03/15/07 14:31 / jl
Fluoride	1.4	mg/L		0.1		A4500-F C	03/15/07 15:35 / jaj
Magnesium	ND	mg/L		0.5		E200.7	03/20/07 18:59 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	03/16/07 11:52 / jal
Potassium	1.5	mg/L		0.5		E200.7	03/20/07 18:59 / ts
Silica	11.3	mg/L		0.1		E200.7	03/20/07 18:59 / ts
Sodium	308	mg/L		0.5		E200.7	03/20/07 18:59 / ts
Sulfate	136	mg/L	D	1		A4500-SO4 E	03/16/07 15:15 / ljl
<b>METALS - DISSOLVED</b>							
Aluminum	17	ug/L		1		E200.8	03/28/07 21:16 / sml
Antimony	ND	ug/L		1		E200.8	03/28/07 05:27 / sml
Arsenic	ND	ug/L		1		E200.8	03/28/07 21:16 / sml
Barium	10	ug/L		1		E200.8	03/28/07 05:27 / sml
Beryllium	ND	ug/L		1		E200.8	03/28/07 21:16 / sml
Boron	1320	ug/L		100		E200.7	03/20/07 18:59 / ts
Cadmium	ND	ug/L		1		E200.8	03/28/07 05:27 / sml
Chromium	ND	ug/L		1		E200.8	03/28/07 21:16 / sml
Cobalt	ND	ug/L		1		E200.8	03/28/07 21:16 / sml
Copper	ND	ug/L		1		E200.8	03/28/07 21:16 / sml
Iron	ND	ug/L		30		E200.7	03/20/07 18:59 / ts
Lead	ND	ug/L		1		E200.8	03/28/07 05:27 / sml
Lithium	24	ug/L		1		E200.8	03/21/07 13:01 / sml
Manganese	2	ug/L		1		E200.8	03/28/07 21:16 / sml
Molybdenum	2	ug/L		1		E200.8	03/28/07 05:27 / sml
Selenium	ND	ug/L	D	2		E200.8	03/28/07 21:16 / sml
Strontium	93	ug/L		1		E200.8	03/28/07 21:16 / sml
Thallium	ND	ug/L		1		E200.8	03/28/07 05:27 / sml
Vanadium	ND	ug/L		1		E200.8	03/28/07 21:16 / sml
Zinc	14	ug/L	D	10		E200.8	03/28/07 21:16 / sml
<b>DATA QUALITY</b>							
A/C Balance (± 5)	0.043	%		250		Calculation	04/02/07 11:01 / bws
Anions	13.6	meq/L		250		Calculation	04/02/07 11:01 / bws
Cations	13.6	meq/L		250		Calculation	04/02/07 11:01 / 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.