



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C07071347-005  
**Client Sample ID:** 1833303 (8268)

**Report Date:** 08/17/07  
**Collection Date:** 07/25/07 10:00  
**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	33	mg/L		1		A2320 B	07/30/07 19:15 / bas
Alkalinity, Total as CaCO3	347	mg/L		1		A2320 B	07/30/07 19:15 / bas
Bromide	ND	mg/L		0.50		E300.0	08/07/07 04:22 / bt
Calcium	1.1	mg/L		0.5		E200.7	08/07/07 16:36 / ts
Chloride	14	mg/L		1		A4500-Cl B	08/01/07 13:35 / jl
Fluoride	0.2	mg/L		0.1		A4500-F C	07/31/07 13:00 / bas
Magnesium	ND	mg/L		0.5		E200.7	08/07/07 16:36 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	07/31/07 15:16 / ljl
Potassium	0.7	mg/L		0.5		E200.7	08/07/07 16:36 / ts
Silica	10.9	mg/L		0.1		E200.7	08/07/07 16:36 / ts
Sodium	192	mg/L		0.5		E200.7	08/07/07 16:36 / ts
Sulfate	67	mg/L		1		A4500-SO4 E	07/30/07 15:22 / zd
<b>METALS - DISSOLVED</b>							
Aluminum	ND	ug/L	D	80		E200.7	08/07/07 16:40 / ts
Antimony	ND	ug/L		1		E200.8	08/11/07 03:19 / sml
Arsenic	ND	ug/L	D	1000		E200.7	08/07/07 16:40 / ts
Barium	12	ug/L		1		E200.8	08/11/07 03:19 / sml
Beryllium	ND	ug/L		1		E200.8	08/11/07 03:19 / sml
Boron	217	ug/L		100		E200.7	08/07/07 16:36 / ts
Cadmium	ND	ug/L		1		E200.8	08/11/07 03:19 / sml
Chromium	ND	ug/L	D	30		E200.7	08/07/07 16:40 / ts
Cobalt	ND	ug/L	D	100		E200.7	08/07/07 16:40 / ts
Copper	ND	ug/L	D	50		E200.7	08/07/07 16:40 / ts
Iron	ND	ug/L		30		E200.7	08/07/07 16:36 / ts
Lead	ND	ug/L	D	500		E200.7	08/07/07 16:40 / ts
Lithium	19	ug/L		1		E200.8	08/16/07 00:49 / bws
Manganese	ND	ug/L		1		E200.7	08/07/07 16:36 / ts
Molybdenum	ND	ug/L	D	100		E200.7	08/07/07 16:40 / ts
Selenium	ND	ug/L	D	800		E200.7	08/07/07 16:40 / ts
Strontium	52	ug/L		1		E200.8	08/11/07 03:19 / sml
Thallium	ND	ug/L		1		E200.8	08/11/07 03:19 / sml
Vanadium	ND	ug/L	D	60		E200.7	08/07/07 16:40 / ts
Zinc	ND	ug/L	D	40		E200.7	08/07/07 16:40 / ts
<b>DATA QUALITY</b>							
A/C Balance (± 5)	1.75	%		250		Calculation	08/13/07 13:15 / bws
Anions	8.74	meq/L		250		Calculation	08/13/07 13:15 / bws
Cations	8.44	meq/L		250		Calculation	08/13/07 13:15 / 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.