



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C07051246-003  
**Client Sample ID:** 3223705 (8253)

**Report Date:** 06/12/07  
**Collection Date:** 05/22/07 08:47  
**Date Received:** 05/25/07  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Alkalinity, Phenolphthalein as CaCO3	13	mg/L		1		A2320 B	05/29/07 13:16 / jaj
Alkalinity, Total as CaCO3	428	mg/L		1		A2320 B	05/29/07 13:16 / jaj
Bromide	ND	mg/L		0.50		E300.0	06/04/07 18:57 / bt
Calcium	1.9	mg/L		0.5		E200.7	06/05/07 16:19 / ts
Chloride	66	mg/L		1		A4500-Cl B	05/25/07 17:12 / jl
Fluoride	1.7	mg/L		0.1		A4500-F C	05/29/07 10:01 / jaj
Magnesium	0.6	mg/L		0.5		E200.7	06/05/07 16:19 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	05/29/07 10:31 / jal
Potassium	1.7	mg/L		0.5		E200.7	06/05/07 16:19 / ts
Silica	12.5	mg/L		0.1		E200.7	06/05/07 16:19 / ts
Sodium	298	mg/L		0.5		E200.7	06/05/07 16:19 / ts
Sulfate	141	mg/L	D	1		A4500-SO4 E	05/25/07 17:10 / ljl
<b>METALS - DISSOLVED</b>							
Aluminum	3	ug/L		1		E200.8	06/01/07 17:52 / bws
Antimony	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Arsenic	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Barium	14	ug/L		1		E200.8	06/01/07 17:52 / bws
Beryllium	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Boron	701	ug/L		100		E200.7	06/05/07 16:19 / ts
Cadmium	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Chromium	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Cobalt	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Copper	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Iron	ND	ug/L		30		E200.7	06/05/07 16:19 / ts
Lead	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Lithium	71	ug/L		1		E200.8	05/25/07 15:03 / sml
Manganese	2	ug/L		1		E200.8	06/01/07 17:52 / bws
Molybdenum	3	ug/L		1		E200.8	06/01/07 17:52 / bws
Selenium	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Strontium	222	ug/L		1		E200.8	06/01/07 17:52 / bws
Thallium	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Vanadium	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
Zinc	ND	ug/L		1		E200.8	06/01/07 17:52 / bws
<b>DATA QUALITY</b>							
A/C Balance (± 5)	1.07	%		250		Calculation	06/06/07 11:08 / bws
Anions	13.4	meq/L		250		Calculation	06/06/07 11:08 / bws
Cations	13.2	meq/L		250		Calculation	06/06/07 11:08 / 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.