



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C07041334-001  
**Client Sample ID:** 1849401 (8241)

**Report Date:** 05/15/07  
**Collection Date:** 04/23/07 15:50  
**Date Received:** 04/28/07  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Alkalinity, Phenolphthalein as CaCO3	30	mg/L		1		A2320 B	05/01/07 09:45 / jaj
Alkalinity, Total as CaCO3	438	mg/L		1		A2320 B	05/01/07 09:45 / jaj
Bromide	ND	mg/L		0.50		E300.0	05/02/07 20:44 / bt
Calcium	1.1	mg/L		0.5		E200.7	05/04/07 15:11 / ts
Chloride	17	mg/L		1		A4500-Cl B	04/30/07 13:16 / jl
Fluoride	1.2	mg/L		0.1		A4500-F C	05/01/07 14:17 / jaj
Magnesium	ND	mg/L		0.5		E200.7	05/04/07 15:11 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	04/30/07 11:53 / jal
Potassium	0.8	mg/L		0.5		E200.7	05/04/07 15:11 / ts
Silica	12.0	mg/L		0.1		E200.7	05/04/07 15:11 / ts
Sodium	259	mg/L		0.5		E200.7	05/04/07 15:11 / ts
Sulfate	95	mg/L	D	1		A4500-SO4 E	05/01/07 13:22 / ljl
<b>METALS - DISSOLVED</b>							
Aluminum	6	ug/L		1		E200.8	05/01/07 07:37 / aln
Antimony	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Arsenic	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Barium	4	ug/L		1		E200.8	05/01/07 07:37 / aln
Beryllium	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Boron	716	ug/L		100		E200.7	05/04/07 15:11 / ts
Cadmium	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Chromium	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Cobalt	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Copper	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Iron	ND	ug/L		30		E200.7	05/04/07 15:11 / ts
Lead	2	ug/L		1		E200.8	05/01/07 07:37 / aln
Lithium	24	ug/L		1		E200.8	04/30/07 16:56 / bws
Manganese	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Molybdenum	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Selenium	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Strontium	75	ug/L		1		E200.8	05/01/07 07:37 / aln
Thallium	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Vanadium	ND	ug/L		1		E200.8	05/01/07 07:37 / aln
Zinc	3	ug/L		1		E200.8	05/01/07 07:37 / aln
<b>DATA QUALITY</b>							
A/C Balance (± 5)	0.388	%		250		Calculation	05/08/07 13:19 / bws
Anions	11.3	meq/L		250		Calculation	05/08/07 13:19 / bws
Cations	11.4	meq/L		250		Calculation	05/08/07 13:19 / bws

**Report** RL - Analyte reporting limit.

MCL - Maximum contaminant level.

**Definitions:** QCL - Quality control limit.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.