



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C07070104-001  
**Client Sample ID:** 1842604 (883)

**Report Date:** 07/16/07  
**Collection Date:** 06/26/07 08:43  
**Date Received:** 07/03/07  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Alkalinity, Phenolphthalein as CaCO3	ND	mg/L		1		A2320 B	07/06/07 10:44 / bas
Alkalinity, Total as CaCO3	326	mg/L		1		A2320 B	07/06/07 10:44 / bas
Bromide	ND	mg/L		0.50		E300.0	07/10/07 14:36 / bt
Calcium	3.6	mg/L		0.5		E200.7	07/06/07 16:45 / cp
Chloride	16	mg/L		1		A4500-Cl B	07/06/07 14:09 / jl
Fluoride	0.9	mg/L		0.1		A4500-F C	07/06/07 13:21 / bas
Magnesium	1.1	mg/L		0.5		E200.7	07/06/07 16:45 / cp
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	07/05/07 12:08 / jal
Potassium	1.8	mg/L		0.5		E200.7	07/06/07 16:45 / cp
Silica	15.8	mg/L		0.1		E200.7	07/06/07 16:45 / cp
Sodium	215	mg/L	D	0.8		E200.7	07/06/07 16:45 / cp
Sulfate	141	mg/L	D	2		A4500-SO4 E	07/06/07 11:04 / ljl
<b>METALS - DISSOLVED</b>							
Aluminum	4	ug/L		1		E200.8	07/05/07 18:08 / bws
Antimony	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Arsenic	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Barium	15	ug/L		1		E200.8	07/05/07 18:08 / bws
Beryllium	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Boron	554	ug/L		100		E200.7	07/06/07 16:45 / cp
Cadmium	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Chromium	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Cobalt	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Copper	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Iron	42	ug/L		30		E200.7	07/06/07 16:45 / cp
Lead	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Lithium	31	ug/L		1		E200.8	07/11/07 15:20 / sml
Manganese	1	ug/L		1		E200.8	07/05/07 18:08 / bws
Molybdenum	1	ug/L		1		E200.8	07/05/07 18:08 / bws
Selenium	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Strontium	187	ug/L		1		E200.8	07/05/07 18:08 / bws
Thallium	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Vanadium	ND	ug/L		1		E200.8	07/05/07 18:08 / bws
Zinc	1	ug/L		1		E200.8	07/05/07 18:08 / bws
<b>DATA QUALITY</b>							
A/C Balance (± 5)	1.50	%		250		Calculation	07/11/07 14:47 / bws
Anions	9.96	meq/L		250		Calculation	07/11/07 14:47 / bws
Cations	9.67	meq/L		250		Calculation	07/11/07 14:47 / 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.