



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C06081427-001  
**Client Sample ID:** 0506707 (2601)

**Report Date:** 09/29/06  
**Collection Date:** 08/22/06 14:40  
**Date Received:** 08/29/06  
**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	08/30/06 11:08 / th
Alkalinity, Total as CaCO3	208	mg/L		1		A2320 B	08/30/06 11:08 / th
Bromide	ND	mg/L		0.50		E300.0	09/01/06 02:15 / wen
Calcium	47.6	mg/L		0.5		E200.7	09/11/06 14:26 / ts
Chloride	28	mg/L		1		A4500-Cl B	08/30/06 12:02 / jl
Fluoride	1.2	mg/L		0.1		A4500-F C	08/30/06 09:16 / th
Magnesium	27.3	mg/L		0.5		E200.7	09/11/06 14:26 / ts
Nitrogen, Nitrate+Nitrite as N	1.0	mg/L		0.1		E353.2	08/30/06 12:20 / jal
Potassium	3.2	mg/L		0.5		E200.7	09/11/06 14:26 / ts
Silica	33.8	mg/L		0.1		E200.7	09/11/06 14:26 / ts
Sodium	21.2	mg/L		0.5		E200.7	09/11/06 14:26 / ts
Sulfate	18	mg/L		1		A4500-SO4 E	09/11/06 11:30 / bmm
<b>METALS - DISSOLVED</b>							
Aluminum	ND	ug/L		1		E200.8	08/31/06 03:55 / sml
Antimony	ND	ug/L		1		E200.8	08/31/06 03:55 / sml
Arsenic	1	ug/L		1		E200.8	08/31/06 03:55 / sml
Barium	219	ug/L		1		E200.8	08/31/06 03:55 / sml
Beryllium	ND	ug/L		1		E200.8	08/31/06 03:55 / sml
Boron	ND	ug/L		100		E200.7	09/11/06 14:26 / ts
Cadmium	ND	ug/L		1		E200.8	08/31/06 03:55 / sml
Chromium	ND	ug/L		1		E200.8	08/31/06 03:55 / sml
Cobalt	ND	ug/L		1		E200.8	08/31/06 03:55 / sml
Copper	3	ug/L		1		E200.8	08/31/06 03:55 / sml
Iron	ND	ug/L		30		E200.7	09/11/06 14:26 / ts
Lead	4	ug/L		1		E200.8	08/31/06 03:55 / sml
Lithium	53	ug/L		1		E200.8	08/31/06 15:45 / bws
Manganese	ND	ug/L		1		E200.8	08/31/06 03:55 / sml
Molybdenum	1	ug/L		1		E200.8	08/31/06 03:55 / sml
Selenium	ND	ug/L		1		E200.8	08/31/06 03:55 / sml
Strontium	1050	ug/L		1		E200.8	08/31/06 03:55 / sml
Thallium	ND	ug/L		1		E200.8	08/31/06 03:55 / sml
Vanadium	15	ug/L		1		E200.8	08/31/06 03:55 / sml
Zinc	234	ug/L		1		E200.8	08/31/06 03:55 / sml
<b>DATA QUALITY</b>							
A/C Balance (± 5)	1.76	%		250		Calculation	09/13/06 11:35 / cp
Anions	5.43	meq/L		250		Calculation	09/13/06 11:35 / cp
Cations	5.63	meq/L		250		Calculation	09/13/06 11:35 / cp

**Report Definitions:** RL - Analyte reporting limit.  
 QCL - Quality control limit.

MCL - Maximum contaminant level.  
 ND - Not detected at the reporting limit.