



LABORATORY ANALYTICAL REPORT

**Client:** Texas Water Development Board  
**Project:** TWDB  
**Lab ID:** C06060935-010  
**Client Sample ID:** 1850301 (663)

**Report Date:** 07/12/06  
**Collection Date:** 06/15/06 10:30  
**Date Received:** 06/17/06  
**Matrix:** Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
<b>MAJOR IONS</b>							
Alkalinity, Phenolphthalein as CaCO3	37	mg/L		1		A2320 B	07/10/06 16:37 / th
Alkalinity, Total as CaCO3	494	mg/L		1		A2320 B	07/10/06 16:37 / th
Bromide	0.11	mg/L			0.05	E300.0	06/27/06 20:02 / eli-b
Calcium	1.4	mg/L			0.5	E200.7	06/23/06 17:14 / ts
Chloride	21	mg/L			1	A4500-Cl B	06/21/06 11:28 / jl
Magnesium	ND	mg/L			0.5	E200.7	06/23/06 17:14 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L			0.1	E353.2	06/21/06 10:48 / jal
Potassium	1.0	mg/L			0.5	E200.7	06/23/06 17:14 / ts
Silica	13.2	mg/L			0.1	E200.7	06/23/06 17:14 / ts
Sodium	287	mg/L			0.5	E200.7	06/23/06 17:14 / ts
Sulfate	88	mg/L	D		3	A4500-SO4 E	06/23/06 14:37 / bm

**METALS - DISSOLVED**

Aluminum	6	ug/L			1	E200.8	06/20/06 04:09 / sml
Antimony	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Arsenic	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Barium	3	ug/L			1	E200.8	06/20/06 04:09 / sml
Beryllium	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Boron	1020	ug/L			100	E200.7	06/23/06 17:14 / ts
Cadmium	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Chromium	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Cobalt	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Copper	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Iron	ND	ug/L			30	E200.7	06/23/06 17:14 / ts
Lead	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Lithium	31	ug/L			1	E200.8	06/26/06 16:57 / bws
Manganese	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Molybdenum	1	ug/L			1	E200.8	06/20/06 04:09 / sml
Selenium	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Strontium	67	ug/L			1	E200.8	06/20/06 04:09 / sml
Thallium	ND	ug/L			1	E200.8	06/20/06 04:09 / sml
Vanadium	1	ug/L			1	E200.8	06/20/06 04:09 / sml
Zinc	ND	ug/L			1	E200.8	06/20/06 04:09 / sml

**DATA QUALITY**

A/C Balance (± 5)	0.954	%			250	Calculation	07/11/06 12:26 / cp
Anions	12.4	meq/L			250	Calculation	07/11/06 12:26 / cp
Cations	12.6	meq/L			250	Calculation	07/11/06 12:26 / cp

**Report** RL - Analyte reporting limit.

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

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.