



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C07071178-004
Client Sample ID: 1826102

Report Date: 08/17/07
Collection Date: 07/19/07 08:25
Date Received: 07/25/07
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Phenolphthalein as CaCO3	ND	mg/L		1		A2320 B	07/27/07 20:32 / bas
Alkalinity, Total as CaCO3	371	mg/L		1		A2320 B	07/27/07 20:32 / bas
Bromide	ND	mg/L		0.50		E300.0	08/06/07 22:59 / bt
Calcium	1.1	mg/L		0.5		E200.7	07/31/07 14:00 / ts
Chloride	42	mg/L		1		A4500-Cl B	07/26/07 14:37 / jl
Fluoride	0.4	mg/L		0.1		A4500-F C	07/27/07 13:13 / bas
Magnesium	ND	mg/L		0.5		E200.7	07/31/07 14:00 / ts
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	07/30/07 15:15 / ljl
Potassium	0.9	mg/L		0.5		E200.7	07/31/07 14:00 / ts
Silica	11.9	mg/L		0.1		E200.7	07/31/07 14:00 / ts
Sodium	215	mg/L		0.5		E200.7	07/31/07 14:00 / ts
Sulfate	53	mg/L		1		A4500-SO4 E	07/25/07 16:31 / zd
METALS - DISSOLVED							
Aluminum	5	ug/L		1		E200.8	08/08/07 00:03 / sml
Antimony	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Arsenic	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Barium	9	ug/L		1		E200.8	08/08/07 00:03 / sml
Beryllium	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Boron	249	ug/L		100		E200.7	07/31/07 14:00 / ts
Cadmium	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Chromium	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Cobalt	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Copper	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Iron	ND	ug/L		30		E200.7	07/31/07 14:00 / ts
Lead	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Lithium	18	ug/L		1		E200.8	08/15/07 23:27 / bws
Manganese	ND	ug/L		1		E200.7	07/31/07 14:00 / ts
Molybdenum	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Selenium	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Strontium	30	ug/L		1		E200.8	08/08/07 00:03 / sml
Thallium	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Vanadium	ND	ug/L		1		E200.8	08/08/07 00:03 / sml
Zinc	1	ug/L		1		E200.8	08/08/07 00:03 / sml
DATA QUALITY							
A/C Balance (± 5)	1.42	%		250		Calculation	08/08/07 11:20 / bws
Anions	9.74	meq/L		250		Calculation	08/08/07 11:20 / bws
Cations	9.47	meq/L		250		Calculation	08/08/07 11:20 / bws

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

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