



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C07071178-002
Client Sample ID: 1829304

Report Date: 08/17/07
Collection Date: 07/18/07 14:00
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 20:15 / bas
Alkalinity, Total as CaCO3	589	mg/L		1		A2320 B	07/27/07 20:15 / bas
Bromide	ND	mg/L		0.50		E300.0	08/06/07 20:37 / bt
Calcium	1.6	mg/L		0.5		E200.7	07/31/07 13:43 / ts
Chloride	55	mg/L		1		A4500-Cl B	07/26/07 14:34 / jl
Fluoride	2.5	mg/L		0.1		A4500-F C	07/27/07 13:12 / bas
Magnesium	ND	mg/L		0.5		E200.7	07/31/07 13:43 / ts
Nitrogen, Nitrate+Nitrite as N	0.1	mg/L		0.1		E353.2	07/30/07 15:05 / ljl
Potassium	1.6	mg/L		0.5		E200.7	07/31/07 13:43 / ts
Silica	11.9	mg/L		0.1		E200.7	07/31/07 13:43 / ts
Sodium	371	mg/L		0.5		E200.7	07/31/07 13:43 / ts
Sulfate	155	mg/L	D	3		A4500-SO4 E	07/25/07 16:27 / zd
METALS - DISSOLVED							
Aluminum	8	ug/L		1		E200.8	08/07/07 23:50 / sml
Antimony	ND	ug/L		1		E200.8	08/07/07 23:50 / sml
Arsenic	ND	ug/L		1		E200.8	08/07/07 23:50 / sml
Barium	8	ug/L		1		E200.8	08/07/07 23:50 / sml
Beryllium	ND	ug/L		1		E200.8	08/07/07 23:50 / sml
Boron	1500	ug/L		100		E200.7	07/31/07 13:43 / ts
Cadmium	ND	ug/L		1		E200.8	08/07/07 23:50 / sml
Chromium	ND	ug/L	D	3		E200.7	07/31/07 13:43 / ts
Cobalt	ND	ug/L		1		E200.8	08/07/07 23:50 / sml
Copper	ND	ug/L	D	5		E200.7	07/31/07 13:43 / ts
Iron	ND	ug/L		30		E200.7	07/31/07 13:43 / ts
Lead	ND	ug/L		1		E200.8	08/07/07 23:50 / sml
Lithium	21	ug/L		1		E200.8	08/15/07 23:20 / bws
Manganese	ND	ug/L		1		E200.7	07/31/07 13:43 / ts
Molybdenum	1	ug/L		1		E200.8	08/07/07 23:50 / sml
Selenium	ND	ug/L		1		E200.8	08/07/07 23:50 / sml
Strontium	114	ug/L		1		E200.8	08/07/07 23:50 / sml
Thallium	ND	ug/L		1		E200.8	08/07/07 23:50 / sml
Vanadium	ND	ug/L		1		E200.8	08/07/07 23:50 / sml
Zinc	2	ug/L		1		E200.8	08/07/07 23:50 / sml
DATA QUALITY							
A/C Balance (± 5)	1.23	%		250		Calculation	08/08/07 11:19 / bws
Anions	16.7	meq/L		250		Calculation	08/08/07 11:19 / bws
Cations	16.3	meq/L		250		Calculation	08/08/07 11:19 / bws

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.