



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06100938-001
Client Sample ID: 3230408 (8209)

Report Date: 10/31/06
Collection Date: 10/16/06 13:52
Date Received: 10/19/06
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Phenolphthalein as CaCO3	10	mg/L		1		A2320 B	10/26/06 13:48 / bmm
Alkalinity, Total as CaCO3	421	mg/L		1		A2320 B	10/26/06 13:48 / bmm
Bromide	ND	mg/L	D	0.60		E300.0	10/26/06 16:52 / bt
Calcium	1.9	mg/L		0.5		E200.7	10/24/06 15:42 / ts
Chloride	67	mg/L		1		A4500-Cl B	10/20/06 09:04 / jl
Fluoride	1.8	mg/L		0.1		A4500-F C	10/27/06 16:03 / bmm
Magnesium	0.6	mg/L		0.5		E200.7	10/24/06 15:42 / ts
Nitrogen, Nitrate+Nitrite as N	0.5	mg/L		0.1		E353.2	10/20/06 15:33 / jal
Potassium	1.4	mg/L		0.5		E200.7	10/24/06 15:42 / ts
Silica	12.1	mg/L		0.1		E200.7	10/24/06 15:42 / ts
Sodium	271	mg/L		0.5		E200.7	10/24/06 15:42 / ts
Sulfate	70	mg/L	D	3		A4500-SO4 E	10/20/06 09:43 / jal
METALS - DISSOLVED							
Aluminum	4	ug/L		1		E200.8	10/20/06 20:00 / sml
Antimony	ND	ug/L		1		E200.8	10/20/06 20:00 / sml
Arsenic	ND	ug/L		1		E200.8	10/20/06 20:00 / sml
Barium	23	ug/L		1		E200.8	10/20/06 20:00 / sml
Beryllium	ND	ug/L		1		E200.8	10/20/06 20:00 / sml
Boron	658	ug/L		100		E200.7	10/24/06 15:42 / ts
Cadmium	ND	ug/L		1		E200.8	10/20/06 20:00 / sml
Chromium	1	ug/L		1		E200.8	10/20/06 20:00 / sml
Cobalt	ND	ug/L		1		E200.8	10/20/06 20:00 / sml
Copper	1	ug/L		1		E200.8	10/20/06 20:00 / sml
Iron	ND	ug/L		30		E200.7	10/24/06 15:42 / ts
Lead	ND	ug/L		1		E200.8	10/20/06 20:00 / sml
Lithium	64	ug/L		1		E200.8	10/20/06 11:23 / bws
Manganese	2	ug/L		1		E200.8	10/20/06 20:00 / sml
Molybdenum	3	ug/L		1		E200.8	10/20/06 20:00 / sml
Selenium	ND	ug/L		1		E200.8	10/20/06 20:00 / sml
Strontium	116	ug/L		1		E200.8	10/20/06 20:00 / sml
Thallium	ND	ug/L		1		E200.8	10/20/06 20:00 / sml
Vanadium	2	ug/L		1		E200.8	10/20/06 20:00 / sml
Zinc	14	ug/L		1		E200.8	10/20/06 20:00 / sml
DATA QUALITY							
A/C Balance (± 5)	0.635	%		250		Calculation	10/27/06 15:22 / cp
Anions	11.8	meq/L		250		Calculation	10/27/06 15:22 / cp
Cations	12.0	meq/L		250		Calculation	10/27/06 15:22 / cp

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.