



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06100938-002
Client Sample ID: 3213714 (8210)

Report Date: 10/31/06
Collection Date: 10/17/06 08:44
Date Received: 10/19/06
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
MAJOR IONS							
Alkalinity, Phenolphthalein as CaCO3	9	mg/L		1		A2320 B	10/26/06 14:00 / bmm
Alkalinity, Total as CaCO3	482	mg/L		1		A2320 B	10/26/06 14:00 / bmm
Bromide	ND	mg/L	D	0.60		E300.0	10/26/06 17:00 / bt
Calcium	3.3	mg/L		0.5		E200.7	10/24/06 15:52 / ts
Chloride	35	mg/L		1		A4500-Cl B	10/20/06 09:05 / jl
Fluoride	1.6	mg/L		0.1		A4500-F C	10/27/06 16:05 / bmm
Magnesium	1.3	mg/L		0.5		E200.7	10/24/06 15:52 / ts
Nitrogen, Nitrate+Nitrite as N	0.3	mg/L		0.1		E353.2	10/20/06 15:35 / jal
Potassium	1.8	mg/L		0.5		E200.7	10/24/06 15:52 / ts
Silica	10.2	mg/L		0.1		E200.7	10/24/06 15:52 / ts
Sodium	294	mg/L		0.5		E200.7	10/24/06 15:52 / ts
Sulfate	114	mg/L	D	3		A4500-SO4 E	10/20/06 09:46 / jal
METALS - DISSOLVED							
Aluminum	4	ug/L		1		E200.8	10/20/06 20:33 / sml
Antimony	ND	ug/L		1		E200.8	10/20/06 20:33 / sml
Arsenic	ND	ug/L		1		E200.8	10/20/06 20:33 / sml
Barium	36	ug/L		1		E200.8	10/20/06 20:33 / sml
Beryllium	ND	ug/L		1		E200.8	10/20/06 20:33 / sml
Boron	1180	ug/L		100		E200.7	10/24/06 15:52 / ts
Cadmium	ND	ug/L		1		E200.8	10/20/06 20:33 / sml
Chromium	ND	ug/L		1		E200.8	10/20/06 20:33 / sml
Cobalt	ND	ug/L		1		E200.8	10/20/06 20:33 / sml
Copper	1	ug/L		1		E200.8	10/20/06 20:33 / sml
Iron	ND	ug/L		30		E200.7	10/24/06 15:52 / ts
Lead	ND	ug/L		1		E200.8	10/20/06 20:33 / sml
Lithium	51	ug/L		1		E200.8	10/20/06 11:26 / bws
Manganese	1	ug/L		1		E200.8	10/20/06 20:33 / sml
Molybdenum	2	ug/L		1		E200.8	10/20/06 20:33 / sml
Selenium	ND	ug/L		1		E200.8	10/20/06 20:33 / sml
Strontium	260	ug/L		1		E200.8	10/20/06 20:33 / sml
Thallium	ND	ug/L		1		E200.8	10/20/06 20:33 / sml
Vanadium	2	ug/L		1		E200.8	10/20/06 20:33 / sml
Zinc	6	ug/L		1		E200.8	10/20/06 20:33 / sml
DATA QUALITY							
A/C Balance (± 5)	0.451	%		250		Calculation	10/27/06 15:22 / cp
Anions	13.0	meq/L		250		Calculation	10/27/06 15:22 / cp
Cations	13.1	meq/L		250		Calculation	10/27/06 15:22 / 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.