



LABORATORY ANALYTICAL REPORT

Client: Texas Water Development Board
Project: TWDB
Lab ID: C06081427-005
Client Sample ID: 0523709 (2605)

Report Date: 09/29/06
Collection Date: 08/25/06 12:05
Date Received: 08/29/06
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	08/30/06 11:14 / th
Alkalinity, Total as CaCO3	186	mg/L		1		A2320 B	08/30/06 11:14 / th
Bromide	ND	mg/L		0.50		E300.0	09/01/06 03:05 / wen
Calcium	92.0	mg/L		0.5		E200.7	09/11/06 15:09 / ts
Chloride	29	mg/L		1		A4500-Cl B	08/30/06 12:05 / jl
Fluoride	0.2	mg/L		0.1		A4500-F C	08/30/06 09:23 / th
Magnesium	10.2	mg/L		0.5		E200.7	09/11/06 15:09 / ts
Nitrogen, Nitrate+Nitrite as N	12.3	mg/L	D	0.2		E353.2	08/30/06 12:35 / jal
Potassium	1.0	mg/L		0.5		E200.7	09/11/06 15:09 / ts
Silica	29.0	mg/L		0.1		E200.7	09/11/06 15:09 / ts
Sodium	18.4	mg/L		0.5		E200.7	09/11/06 15:09 / ts
Sulfate	18	mg/L		1		A4500-SO4 E	09/11/06 11:35 / bmm
METALS - DISSOLVED							
Aluminum	ND	ug/L		1		E200.8	08/31/06 04:22 / sml
Antimony	ND	ug/L		1		E200.8	08/31/06 04:22 / sml
Arsenic	2	ug/L		1		E200.8	08/31/06 04:22 / sml
Barium	352	ug/L		1		E200.8	08/31/06 04:22 / sml
Beryllium	ND	ug/L		1		E200.8	08/31/06 04:22 / sml
Boron	ND	ug/L		100		E200.7	09/11/06 15:09 / ts
Cadmium	ND	ug/L		1		E200.8	08/31/06 04:22 / sml
Chromium	ND	ug/L		1		E200.8	08/31/06 04:22 / sml
Cobalt	ND	ug/L		1		E200.8	08/31/06 04:22 / sml
Copper	ND	ug/L		1		E200.8	08/31/06 04:22 / sml
Iron	ND	ug/L		30		E200.7	09/11/06 15:09 / ts
Lead	ND	ug/L		1		E200.8	08/31/06 04:22 / sml
Lithium	12	ug/L		1		E200.8	08/31/06 16:12 / bws
Manganese	1	ug/L		1		E200.8	08/31/06 04:22 / sml
Molybdenum	ND	ug/L		1		E200.8	08/31/06 04:22 / sml
Selenium	1	ug/L		1		E200.8	08/31/06 04:22 / sml
Strontium	433	ug/L		1		E200.8	08/31/06 04:22 / sml
Thallium	ND	ug/L		1		E200.8	08/31/06 04:22 / sml
Vanadium	11	ug/L		1		E200.8	08/31/06 04:22 / sml
Zinc	17	ug/L		1		E200.8	08/31/06 04:22 / sml
DATA QUALITY							
A/C Balance (± 5)	3.94	%		250		Calculation	09/13/06 11:36 / cp
Anions	5.78	meq/L		250		Calculation	09/13/06 11:36 / cp
Cations	6.25	meq/L		250		Calculation	09/13/06 11:36 / 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.